

Volume

#

R0254

BOOK A-254

INDEX DIAGRAM.

Township S, Range 2 + E

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Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by striking or dropping the same; that we will report the true distances to all notable objects, and the true length of all lines that we make in measuring, to the best of our skill and ability, and in accordance with instructions given, in the course of

Classification

18543 829385332

Subscribed and sworn to before me this
day of, 189



We, and
do solemnly swear that we will well and truly perform the duties of masons in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the course of

卷之三

• 1800-1814

Subscribed and sworn to before me this
day of, 189



We, and do solemnly swear that we will well and truly perform the duties of a member of the Royal Regiment of Artillery and other duties, according to instructions given us, to the best of our skill and ability, at the hazard of

S. S. T. T. T.

Subscribed and sworn to before me this
day of , 189



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____.

Finances.

Subscribed and sworn to before me this }
day of , 189 }
.....



BOOK A-254

INDEX DIAGRAM.

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., *Chairman.*

....., *Chairman.*

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., *Moundman.*

....., *Moundman.*

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., *Axman.*

....., *Axman.*

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., *Flagman.*

Subscribed and sworn to before me this }
day of , 189 }



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PRELIMINARY OATHS OF ASSISTANTS.

WE, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pips, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chairman,

....., Chairman,

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman,

....., Moundman,

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman,

....., Axman,

Subscribed and sworn to before me this }
day of , 189 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman,

Subscribed and sworn to before me this }
day of , 189 }



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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman.

Subscribed and sworn to before me this }
day of , 189 }



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269	7 344 8 331 9	321 10	310 11	300 12	279						
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PRELIMINARY OATHS OF ASSISTANTS.

WE, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 189 }



INDEX DIAGRAM.

Township	2	3	4	5	Range	25	26	27	28	29	30	31	32	33	34	35	36
373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	
6	398	5	407	4	416	3	420	2	425	1							
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7	396	8	405	9	414	10	428	11									12
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18	394	17	403	16	413	15	425	14									13
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PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chairman.

....., Chairman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman.

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

....., Flagman.

Subscribed and sworn to before me this }
day of , 189 }



INDEX DIAGRAM.

Township 3 N., Range 24 E.

6	5	4	3	2	1
7	8	9	10	11	12
448 18 492 17 485 16 481 15 475 14 470 13 451	551 551 550 550 550 550 550	Wyo. Wyoming 3 day			
446 19 490 20 484 21 479 22 474 23 468 24 451	492 491 485 480 474 469				
446 20 488 20 483 28 478 27 472 26 467 25 450	489 489 483 479 473 468				
445 31 486 32 481 33 477 34 471 35 465 36 449	487 487 482 478 472 466				

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, do solemnly swear that we will well and faithfully execute the duties of surveyors; that we will stretch our chain over even and uneven ground, and plumb the tally pine, either by extensible or folding chain; that we will report the true distances to all notable objects, and the true angles of elevation of the points for measuring, to the best of our skill and ability, and in accordance with the best known methods of surveying;

, C. S. Johnson

, J. W. Parker, Jr.

Subscribed and sworn to before me this

day of, 189

SEAL
P. M. A. S.

We, do solemnly swear that we will well and truly perform the duties of flagman, to the best of our skill and ability, in the survey of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, J. W. Parker, Jr.

, F. M. Johnson

Subscribed and sworn to before me this

day of, 189

SEAL
P. M. A. S.

We, do solemnly swear that we will well and truly perform the duties of surveyor, to the best of our skill and ability, in the survey and other duties, according to the instructions given us, to the best of our skill and ability, in the survey of

, J. W. Parker, Jr.

, F. M. Johnson

Subscribed and sworn to before me this

day of, 189

SEAL
P. M. A. S.

I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, F. M. Johnson

Subscribed and sworn to before me this

day of, 189

SEAL
P. M. A. S.

BOOK A-254

INDEX DIAGRAM.

Township 3 S., Range 25 E.

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7	8	9	10	11	12
M.R. 36241		W.M. 36233		W.M. 36233	
18	510	514	519	526	527
19	509	514	519	526	527
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21	507	512	518	524	525
22	507	513	517	523	526
23	507	513	517	523	526
24	506	511	517	521	525
25	505	511	516	521	525
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27	505	511	516	521	525
28	505	511	516	521	525
29	505	511	516	521	525
30	505	511	516	521	525
31	505	511	516	521	525

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by striking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

..... Chairman.

..... Chairman.

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of moudlers in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

..... Moudler.

..... Moudlers.

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

..... Axman.

..... Axmen.

Subscribed and sworn to before me this }
day of , 189 }



I, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

..... Flagman.

Subscribed and sworn to before me this }
day of , 189 }



BOOK A-254

No. 3. B.

FIELD NOTES

OF THE SURVEY OF THE

Additional Informationof
Twp 1 South, R. 24 EastOf the Salt Lake Base ^{and} Meridian,
State of Utah.

AS SURVEYED BY

Adolphus Jessen, United States Deputy Surveyor,
 under his Contract No. 218, dated November 9th, 1897
 Survey commenced July 20th, 1898
 Survey completed July 24th, 1898

6-161

Survey Distance	8 - 28 m 6 ft 7 in
" " "	5 - 46 - 0 ft 1 in
Total	

Centr. - 1000 - 1000, 1000 V

NAMES AND DUTIES OF ASSISTANTS.

John Fluhman Chairman
Charles Potter Correspondent
Hugh Hughart Correspondent
Hugh Hughart Correspondent
F. S. Morgan Correspondent
Frank J. Briggs Correspondent

~~Engineering, affadavit, see last p.~~

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INDEX DIAGRAM.

Township....., Range.....

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19	20	21	22	23	24
20	29	26	27	28	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, John Frieszner and Charles Litter, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the ground or even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in running, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision of P.R. 24 & S.E. of 120-38 R. 24 E. If 120-34 R. 24 E. of the hill of the land bounded E. etc.

John Frieszner, Chainman.
Charles Litter, Chainman.

Subscribed and sworn to before me this 20th day of July, 1895.

SEAL

Adolphus J. Zeece

H. S. Depy Surveyor

We, Heigh Thigart and W. J. Morgan, do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corner, according to the instructions given us, to the best of our skill and ability, in the survey of the subdivision of P.R. 24 & S.E. of 120-38 R. 24 E. If 120-34 R. 24 E. of the hill of the land bounded E. etc.

Heigh Thigart, Moundman.

Moundman.

Subscribed and sworn to before me this 20th day of July, 1895.

SEAL

Adolphus J. Zeece

H. S. Depy Surveyor

We, Heigh Thigart and P. J. Morgan, do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the subdivision of P.R. 24 & S.E. of 120-38 R. 24 E. If 120-34 R. 24 E. of the hill of the land bounded E. etc.

Heigh Thigart, Axman.

P. J. Morgan, Axman.

Subscribed and sworn to before me this 20th day of July, 1895.

SEAL

Adolphus J. Zeece

H. S. Depy Surveyor

I, Fred W. L. Dugay, do solemnly swear that I will well and truly perform the duty of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subdivision of P.R. 24 & S.E. of 120-38 R. 24 E. If 120-34 R. 24 E. of the hill of the land bounded E. etc.

Fred W. L. Dugay, Flagman.

Subscribed and sworn to before me this 20th day of July, 1895.

SEAL

Adolphus J. Zeece

H. S. Depy Surveyor

Salt Lake City - Utah
December 1st 1898

Dear Jacob B. Blair
U. S. Surveyor General for Utah.

Mr:

In the execution of my surveying contract No 218 dated Nov. 9th 1897 I myself administered the oaths in the field oaths to my assistants in order to avoid great delay expense and inconvenience.

The Officer in the state of Utah authorized to administer oaths - must to the land surveyed by me under contract No 218 lies in Fremont, Uintah Co. from 50 to 80 miles distant over a very bad road -

Very respectfully

A. J. Frazee
U. S. Dep. Surveyor

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Additional Subdivision of T. 1 S. R. 24 E.

Obs. Survey commenced July 20th 1898 and executed
a W. & R. E. Bradley trigonometric transit obs -
the horizontal circle is provided with two degrees
placed opposite reading to single minutes
of arc. - The instrument was examined tested on
the true Meridian at Salt Lake City found correct
and approved by the Surveyor General of Utah April 26th
1898. I examined the adjustments of the transit
correct the level and collimation errors and
then proceed as follows:

At the established cor to sec 31 & 32 on the T. Bdry
T. 1 S. R. 24 E. Salt Lake Meridian in Lat $40^{\circ} 41' N$
Long. $109^{\circ} 16' W$. I placed Polaris in accordance with
instructions of the Manual and mark the di-
rection determined by a tack driven into a plug
firmly set in the ground 5 lbs. N. of cor.

Astron. L. M. t. of obs. July 20th 9 h 22 m
H. C. Polaris July 15th 17 h. 43 m
Red. to July 20th 5 days 19.7"
H. M. t. H. C. Polaris July 20 17 h. 23.8"
Hour angle of Polaris 15 h 58.2 m.
Subtract from 23 " 56"
Time argument 7 h. 51.9 m
Azimuth of Polaris 10 25' E.

July 21st 1898. At 7 h. A. M. l. m. t. I
lay off the azimuth of Polaris to the west and
mark the true Meridian thus determined by
a tack driven into a plug firmly set in the
ground W. of the point established last
night. The magnetic bearing of the said
true Meridian is N. 15° 55' W. which reduced
by the table on page 100 of the Manual
gives the mean magnetic declination
 $15^{\circ} 49' E.$

I commence at the established cor to sec.
31 & 32 on T. Bdry of Tp. which is a limestone
16 x 10 x 5 ins. marked and witnessed as described
by the Surveyor General

Additional Subdivision of T. 19 R. 24 E.

Obs	Thru 3' mm N. 0° 01' W. lat. sec. 31 & 32
	Arcmd along broken W. slope
40.00	Set limestone 18 x 14 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
80.00	Set a limestone 20 x 7 x 5 ins 15 ins. in the ground for cor. to sec. 29. 30. 31 & 32 marked 1 notch on S. and 5 on E. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
	Good heavy rolling mountains
	Fert 3rd rate - rocky
	No timber
	MOUNTAINOUS on 80.00 obs

	East on a random line lat. sec. 29 & 32
40.00	Set temp 1/4 sec. cor.
80.10	Intersect N. & S. line 10 Ms. S. of the established cor. to sec. 28. 29. 32 & 33 which is a quartzite 16 x 10 x 6 ins. marked and intersected as described by the Surveyor General
	Thru 3' mm S. 89° 55' W matric line lat. sec. 29 & 32
40.05	Set a sandstone 12 x 8 x 6 ins. 8 ins. in the ground for 1/4 sec. cor marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
43.00	Good broken hollow Arcmd E. slope
60.00	Top of ridge open 400 ft. high same S. 89°
80.10	The cor to sec. 29. 30. 31 & 32
	Good rolling mountains
	Fert 1st or 3rd rate rocky
	No timber
	MOUNTAINOUS on 80. 10 obs

Additional Subdivisions of T 1 S. R. 24 E. T. L. 115.

chrs.	
40.00	West on a random line for an area 35 x 31 Set temp $\frac{1}{4}$ sec. cor.
76.80	Intersect NW Bdy of Sq. 30 N. of the established cor. to secs. 25-30-31 & 36 which is a sandstone finely set, marked and situated as described by the Surveyor General Thickness 3 m. at $89^{\circ}47' E.$ on a true line between secs. 30 & 31
36.80	Set limestone 15 x 12 x 6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on it face and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft high N. of cor. Sets impracticable
53.00	Have broad rolling hollow around rocky W. slope
76.80	The cor. to secs. 30-31-29 & 32 have rolling and mountainous Soil 1st and 3rd rate - rocky No timber
23.80 53.00	Mountainous on E 23.80 chrs.

	$N 0^{\circ}01' W$ between secs. 29 & 30
13.00	Ridge open 500 ft high base W.
40.00	Set a limestone 20 x 12 x 5 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft high W. of cor. Sets impracticable
58.00	Ridge open 500 ft high base W - descended. Set a sandstone 16 x 9 x 5 ins. 11 ins. in the ground for cor to secs. 19-20-29 & 30 marked 2 notches on the S. end 5 notches on E edges, and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft high W. of cor. - Sets impracticable
80.00	Land mountainous Soil 3rd rate No timber Mountainous on S. 80 chrs.

Additional Subdivision of T. 1 S. R. 24 E. S. L. M.

cts.

N. $89^{\circ} 55'$ E. on a random line
between secs 20 & 29

- 40.00 Set temp. 14 sec. cor.
50.16 Intercept N. & S. line 10 lbs. E. of cor to secs
20. 21. 28 & 29 which is limestone firmly set
marked and witnessed as described by the
Surveyor General
Thence I run

S. $89^{\circ} 59'$ W. on a true line
between secs. 20 & 29.

- Across rolling broad hollow.
40.08 Set a limestone 16 x 12 x 4 ins. 11 ins. in the ground
for 14 sec. cor., marked $\frac{1}{4}$ on N. face and raised
a mound of stone 2 ft high 1 $\frac{1}{2}$ ft high E. of cor
Pits impractical
51.70 Low hollow - ascend.
67.00 Along rocky N. slope.
50.16 The cor to secs 19-20-29 & 30.
Land rolling and mountainous
Sed 1st & 3rd rate rocky
No timber
Mountainous on W. 28.46 cts.

July 21st 1898

S. $89^{\circ} 47'$ W. on a random line
between secs. 19 & 30

- 40.00 Set temp 14 sec. cor.
77.22 Intercept W. Boundary of sp. 8 lbs E. of the
established cor to secs. 19-24-25 & 30 which is a
limestone firmly set, marked and witnessed as
described by the U.S. Surveyor General
Thence I run

N. $89^{\circ} 50'$ E. on a true line
between secs. 19 & 30

- 6.00 Across broad rolling hollow -
37.22 Set a limestone 9 x 8 x 8 ins. 6 ins. in the ground

Additional Subdivision of T. 1 S. R. 24 E.

obs	for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor. Sets impracticable Leave hollow - ascend The cor. to secs 19. 20. 29 & 30 Land rolling mountains Soil 1st & 3rd rate No timber Mimtains on E. 27. 22 obs
50.00	
77.22	
27.00	

	N. 0°01' W. on a random line bet. secs. 19 & 20
4000	Set traps $\frac{1}{4}$ sec. cor.
80.00	Intersect E. & W. line at cor. to secs 17. 18 19 & 20 which is a sandstone 16x10x8 ins. marked and witnessed as described by the Surveyor General Plane 8 mm
	S. 0°01' E. on a true line bet. secs. 19 & 20
40.00	In pine timber Set a sandstone 18x10x5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which A pine 8 ins. diam. bears S. 85° E. 23 lbs. chest marked $\frac{1}{4}$ S. 20 B. T. A pine 20 ins. diam. bears S. 87° W. 66 lbs. chest marked $\frac{1}{4}$ S. 19 B. T.
70.00	Leave pines. Head of gulch drains W.
80.00	The cor. to secs 19. 20. 29 & 30 Land mountains Soil 4th rate - very rocky Pine timber on W. 70° obs Mimtains or heavily timbered on 80.00 obs

At the established cor. to secs. 11. 12. 13 & 14
T. 1 S. R. 24 E. which is a charred aspen
post marked and witnessed as described

Additional Subdivision of T. 1 S. R. 24 E.

cts

by the Surveyor General; in Lat. $40^{\circ}44'$
N. $109^{\circ}10'$ W. I observed Polaris in accord-
ance with the instructions of the Manual
and mark the direction thus determined by
a tack driven into a plug firmly set
5 cts N. of cor.

Astron. L. M. t. of obs. July 22nd 9 h. 14' m.

W. C. Polaris July 15th 17 h. 43.5m

Ded. to July 22nd 7 days. 27.4

L. M. t. W. C. Polaris July 22 17" 16' m.

Hour angle of Polaris 15 h 57.9m

subtract from 23" 56.1"

Time argument 7 h. 58" m

Azimuth of Polaris $102^{\circ}51'E.$

July 23rd 1898 At 7 a.m. I set. I lay off
the azimuth of Polaris and mark the true Mer-
idian thus determined by a tack driven into a
plug firmly set in the ground West of the point
established last night. The mag. bearing of the said
true Meridian is N. $15^{\circ}55'$ W. which, retained
by the table on page 100 of the Manual gives the
mean magnetic declination $15^{\circ}55'E.$

Then I laid

N. $0^{\circ}01'W.$ lat. secos 11×12

3000 Wagon road bet. Oakley Valley & Brown's P. I. base 12.8 ft.

4000 Set a sandstone 20 x 8 x 4 ins. 15 ins. in the ground
for 1/4 sec. cor. marked 1/4 on S. face and raised
a mound of stone 2 ft base 1 1/2 ft high. N. of cor.
Pits impracticable

5000 Set a sandstone 20 x 7 x 7 ins. 15 ins. in the ground
for cor to faces 1. 2. 11 & 12; marked 5 notches
on S. and 1 on E. edges and raised a mound
of stone 2 ft base 1 1/2 ft. high N. of cor.
Pits impracticable

Land broad rolling hollow

Soil 1 ft or 2nd rate - No timber.

S. $89^{\circ}52'E.$ on a random line lat. secos 11×12

4000 Set temp. 1/4 sec. cor.

Additional Subdivision of T. 1 S. R. 24 E. S. L. M.

Obs. 80.85	Intersect E. Bdy of Tp. 28 Lts. N. of cor to secs. 1-6-7 & 12 which is sandstone firmly set "marked and witnessed as described by the Surveyor General Then I run N. 89° 40' W. on a true line between secs. 1 & 12
9.00	Enter broad, broken hollow locally known as "Tear's Draw" drains S.
40.43	Set a Sandstone 20x12x7 ins. 15 ins. in the ground for 1/4 sec cor., marked 1/4 on E. face and raised a mound of stone 2 ft base 1 1/2 ft high S. of cor. Pits impracticable
69.75	Wagon road between Ashley Valley and Brown Park bears N. & S.
80.85	The cor. to secs 1-2-11 & 12. Land heavy rolling Soil 1 st & 2 nd rate - No timber. Note: For retracement of A. Bdy if this sec. sec end of this book, and for retracement of the E. Bdy. Book "C."

	Moving on a true line between secs 1 & 2
40.00	Set a sandstone 18x10x10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft base 1 1/2 ft high W. of cor. - Pits impracticable
71.00	Around
76.00	Ridge spur 50 ft high bears N.E.
80.09	Intersect Salt Lake Base line 5.82 obs C. of the established standard cor. to secs 34 & 35 in T. 1 S. R. 24 E. which is a stone ledge marked and witnessed as described by the Surveyor General at point of intersection I set a sandstone 20x 12x5 ins. 15 ins. in the ground for closing cor. to secs. 1 & 2 marked C. C. on S.; with 1 groove on E. and 5 on W. faces; and raised a mound of stone 2 ft base 1 1/2 ft high S. of cor. Pits impr.
9.09 71.00	

Additional Subdivision of T. 1 S. R. 24 E. S. L. M.

Obs.	<p>Land rolling and mountainous Soil 2nd & 3rd rate rocky. No timber Mountainous on abt. 9.09 chs.</p>
	<p>From the established cor. to secs. 10, 11, 14 & 15 which is a ridge firmly set marked & intersected as described by the Surveyor General From N. 0°02' W. between secs. 10 & 11</p>
11.00	Bore hole 50 ft deep drains S.E.
22.00	Summit of Ridge spur 1000 ft high bears S.E. heads N., enter Mahogany and cedars.
40.00	Set a sandstone 20 x 12 x 10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft base 1 1/2 ft high W. of cor from which A Mahogany 12 ins. diam bears N. 9° 15' 2.00 chs. dist. marked 1/4 S. - 10 - B.T.
	A Mahogany 14 ins. diam bears S. 12° 10' E. 29.60 dist. marked 1/4 S. - 11 - B.T.
53.00	Summit of Ridge 1000 ft. high bears N. & S.E. Leave Mahogany & cedars, enter Pine.
70.00	Leave pine, enter broad hollow in scattering cedars
80.00	Set a sandstone 24 x 16 x 6 ins. 18 ins. in the ground for cor. to secs. 2-3-10 & 11, marked 5 notches on S. and 2 on E. edges, and raised a mound of stone 2 ft base 1 1/2 ft. high W. of cor. Pits impracticable Land mountainous Soil 4 th rate very rocky Timber Mahogany, cedar & Pine. Mountainous on 80.00 chs.

July 23rd 1898

	<p>N. 89° 42' E. on a random line between secs. 2 & 11</p>
40.00	Set temp 1/4 sec. cor.
79.52	Intersect N. & S. line 49 lbs. N. of cor to sec.

Additional Subdivisions of T. 1 S. R. 24 E. I. H. M.

Obs.	1-2-11 & 12; thence 2 m N. $89^{\circ} 57'$ W. on a true line between secs. 2 & 11
39.76	Set a sandstone 20 x 10 x 6 ins. - 15 ins. in the ground for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ on N. face and raised a stone mound 2 ft base, $1\frac{1}{2}$ ft. high N. of cor. Its impracticable
60.00	Leave "Lars Draw", ascend in stormy hollow drains E. -
79.52	The cor. to secs. 2-3-10 & 11
1952 65.00	Land rolling and mountainous Soil 1 st and 3 rd rate - rocky No timber - Mountainous on N. 19.52 Obs.
	N. $89^{\circ} 41'$ W. on a random line between secs. 3 & 10
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.36	Intersect N. & S. line 21 lbs. N. of the established cor. to secs. 3-4-9 & 10 a sandstone firmly set marked and witnessed as described by the Surveyor General -
	Thence 2 m N. $89^{\circ} 50'$ E. on a true line between secs. 3 & 10
3.00	Ascend in fine timber
26.50	Leave fine timber Along broken N. slope in serviceberry and Mahogany brush
40.18	In hollow 50 ft deep drains N. set a sandstone $14 \times 12 \times 4$ ins. 10 ins. deep in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft high N. of cor., Its impracticable
64.00	Ridge 100 ft high bears N.E. & S.W.
80.36	The cor. to secs. 2-3-10 & 11
	Land mountainous Soil 4 th rate - very rocky -

Additional Subdivision of T. 1 S. R. 24 E. I. d. M.

chs	Timber - Pine, serviceberry and mahogany brush; Mountainous pine timber and brush on 80.36 chs.
-----	--

N. 0° 02' W. on a true line 3.

between secs. 2 & 3

- 5.00 Ascend precipitous N.E. slope
 15.00 Ridge, 800 ft high bears N.W. & N.E., more along rocky west slope.
 28.00 Ridge 800 ft. high bears N.W. & S.E.
 40.00 Stationary sandstone 6 x 5 x 4 ft. above ground
 for $\frac{1}{4}$ sec. cor. marked with a cross + at exact cor. point and $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. site impracticable
 63. Ridge spur 600 ft high bears E.
 80.10 Interest the Salt Lake Baseline 5.40 chs.
 East of the established Standard cor. to secs
 33 & 34 in Tp. 1 st. R. 24 E. which is a charred aspen post firmly set marked and witnessed as described by the Surveyor General.
 At point of intersection I set a sandstone 24 x 20 x 6 ins. 18 ins. in the ground for closing cor. to secs. 2 & 3 marked C.C. on S. with 2 grooves on E. and 4 on W. faces and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. site impracticable

hewed mountainous and precipitous

Soil 4th rate - very rocky

Timber serviceberry and mahogany brush,
 some scattering cedar and pine

Mountainous and brush on 80.10 chs

July 24th 1898

Additional Subdivision of T. 1 S. R. 24 E. S. 4. sec.

General Description

The lands embraced in this survey are mostly mountainous and rocky, only adapted for grazing purposes. Some of the north slopes are covered with mahogany and pine timber. I found no improvements anywhere within the surveyed area showing where the Desert Entry No 1939 of Columbus F Toliver is situated. There are no indications of valuable mineral deposits.

Adolphus Jason
U. S. Dep. Surveyor.

Retracement
of the S. Bdy of sec. 12.

From the established cor. to secs. 11, 12, 13 & 14 hitherto described I run

S. 89° 52' E. on retracement line
bet secs. 12 & 13

- 40.62 To a point from which the $\frac{1}{4}$ sec. cor. bet. secs. 12 & 13 bears N. 2 Mts. dist. Said $\frac{1}{4}$ sec. cor. is an aspen post 4" x 4" $\frac{1}{4}$ " marked and witnessed as described by the Surveyor General.
81.80 To a point from which the cor. to secs 7, 12, 13 & 18 on E. Bdy. of Tp. which is a stationary quartz 2" x 2" $\frac{1}{4}$ " marked and witnessed as described by the Surveyor General bears N. 5 Mts. dist.

Therefore: the true course of the S. Bdy of sec 12 is N. 89° 50' W. and its length is 81.80 chs.

Adolphus Jason
U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____
meridian, _____ of _____, which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____, day of _____, 189_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

of the _____
meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 10th, 1899

The foregoing field notes of the survey of *the subdivisions of Township 1
South Range 24 East of the Salt Lake Meridian, etc.*

executed by *Adolphe Jessor*
under his contract No. *218*, dated *March 9th*, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob T. B. T. B.
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-254

W. S. B.

FIELD NOTES

OF THE SURVEY OF THE

*Salt Lake Base Line**in**T. 1 N. - R. 25 E.*Of the *Salt Lake* Meridian,*State of Utah*

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,under his Contract No. 218, dated *January 9th*, 1897Survey commenced *July 24th*, 1898Survey completed *July 27th*, 1898

6-151

<i>Base line (ft.)</i>	<i>3-48-50</i>
<i>" " (ins.)</i>	<i>1-80-45</i>
<i>Closing</i>	<i>20-0-0</i>

NAMES AND DUTIES OF ASSISTANTS.

John Feakins
Charles Potter
Stephen Thelton Jr
John Holmes }
Chairmen

Hugh Hughart
Worms man

Hugh Hughart
D. J. Morgan }
Assessor

Frank J. Briggs
Flag man

BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, John Hickman, Charles Potter and Stephen Shelton Jr. & John Hobson
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that
we will report the true distances to all notable objects, and the true lengths of all lines that we assist in
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

the Salt Lake Base Line in T. 1 N. R. 25 E. of the Salt Lake Meridian
Utah

John Hickman, Chainman
Charles Potter, Chainman

Subscribed and sworn to before me this 24th day of

July, 1898 } Stephen Shelton Jr.
John Hobson



Adolphus Jessen
U. S. Dep. Surveyor

WE, I Hugh Hughart and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

the Salt Lake Base Line in T. 1 N. R. 25 E. of the Salt Lake Meridian
Utah

Hugh Hughart, Moundman

, Moundman

Subscribed and sworn to before me this 24th

day of July, 1898 }



Adolphus Jessen
U. S. Dep. Surveyor

WE, Hugh Hughart

and A. J. Morgan

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners
and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

the Salt Lake Base Line in T. 1 N. R. 25 E. of the Salt Lake
Meridian
Patch

Hugh Hughart, Axman
D. S. Pierce, Axman

Subscribed and sworn to before me this 24th

day of July, 1898 }



Adolphus Jessen
U. S. Dep. Surveyor

I, Frank J. Briggs

, do solemnly swear that I will well and truly
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the

survey of the Salt Lake Base in T. 1 N. R. 25 E. of the Salt Lake
Meridian
Patch

Frank J. Briggs, Flagman

Subscribed and sworn to before me this 24th

day of July, 1898 }



Adolphus Jessen
U. S. Dep. Surveyor

Salt Lake Baseline in T. 1 N. R. 25 E.

char	<p>Turing commenced July 24th 1898 with the instrument described in Book A.</p> <p>I begin at the cor to T. 1st. R's 24 & 25 E. which is a stationary sandstone marked & situated as described by the Surveyor General - At a point 2.87 ft S. of said Baseline cor. in Lat. $40^{\circ}46'N$. Long $109^{\circ}09'W$. I observe Polaris in accordance with the Manual of Instructions and mark the direction thus determined by a tack in a plug firmly set 5 cbs N. of cor</p> <p>Astron. L.M. tdy July 24th 1898 9h 26 m</p> <p>H. C. Polaris July 15th 17 h. 43.5 m. Add to July 24 9 days 35.3 "</p> <p>H. C. Polaris July 24th 17 h 08.2 m</p> <p>True angle of Polaris 16h. 17.8 m. subtract from 23 + 56.1 "</p> <p>True argument 7 h. 38.3 m</p> <p>Azimuth of Polaris $10^{\circ}28'E$.</p> <p>July 25th 1898. At 7 a.m. L.M.T. I lay off the azimuth of Polaris to the west and mark the true meridian thus determined by a tack driven into a plug firmly set in the ground West of the point established last night. The magnetic bearing of the said true Meridian is N. $15^{\circ}55'W$. which reduced by the table on page 100 of the Manual gives the mean magnetic declination $15^{\circ}49'E$.</p> <p>At the station 2.87 ft S. of the Baseline cor. I turn off from the true Meridian an angle of $89^{\circ}58'$ to the East and run N. $89^{\circ}58'E$ on the secant</p> <p>Length of sec. 31</p> <p>Descent precipitous ledges</p> <p>17.00 Hollow 200 ft deep drains S. heads 20 cbs. N.</p> <p>Difference lat. measurement of 40 cbs by two sets of chainmen is 14 ft.</p> <p>Position of middle point</p> <p>By 1st set 39.93 cbs</p> <p>By 2nd set 40.07 " the mean of which is N. 1.29 ft from the secant in group of large boulders set a quantity 30x10x8 in. 24 in. in the ground for Standard $\frac{1}{4}$ sec. cor marked S.C. $\frac{1}{4}$ on N. face and raised</p>
17.00	
40.00	

Salt Lake Baseline in T. 1 N. R. 25 E.

chs	a mound of stone 2 ft base $1\frac{1}{2}$ ft high at. of cor fits impracticable
41.50	Ridge 800 ft. high bears N.W. & S.
43.00	Enter pine cedar & mahogany Difference between measurement of 80 chs by 2 sets of chammers is 10 lbs. Position of middle point By 1 st set of chammers 79.95 chs " 2 nd " " 80.05 " the mean of which is
- 80.00	Set a limestone 24 x 9 x 6 ins. 18 ins. in the ground for Standard Cor. to secos. 31 & 32 marked S.C. on N. with 5 grooves on E. and 1 on W. faces from which A pine 4 ins diam bears N. $66^{\circ}40' E.$ 23 lbs. dist. marked T. 1 N. R. 25 E. T. 32 S.C. B.T. A pine 6 ins. diam. bears N. $77^{\circ}55' W.$ 35 lbs. dist marked T. 1 N. R. 25 E. T. 31 S.C. B.T. Hand broken mountains Soil 3 rd & 4 th rate - rocky Timber cedar & pine on E. 36.50 chs Mountainous on 80.00 chs.

N. $89^{\circ}59' E.$ on the secant
through sec. 32

	Descent
5.00	Yew cedar & pine
8.00	Head of small gulch drains N.E.
10.50	Enter scattering cedar mahogany & pine Difference in measurement of 40 chs. by two sets of chammers is 28 lbs. By 1 st set 39.86 chs
40.00	" 2 nd set 40.14 " the mean of which is T. 1.01 ft from the secant Falls on sandstone 3 x $1\frac{1}{2}$ x 1 ft above ground I cut a cross (+) at the exact cor point for Standard $\frac{1}{4}$ sec cor and mark S.C. $\frac{1}{4}$ sec. N. faces

Salt Lake Base Line in T. 1 N. R. 25 E.

Obs.	and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. - Sets impracticable. A pine 3 ins. diam. bears N. 74° 30' W. 5 lbs. dist. marked 1/4 F.C. 32 B.T.
60.00	Bulch 50 ft deep drains S.E.
69.00	Hare timber
70.80	Wagon trail bears N. & S.
77.80	Foot of Mountains - Cross Creek 3 lbs wide 4 ins. deep runs N.E. in Wash 40 lbs wide 12 ft deep.
78.00	Enter broad flat hollow locally known as "Crossis Draw" drains N. Difference between measurement of 80.00 obs by two sets of chainmen is 24 lbs. By 1st set. 79.88 obs. " 2nd, 80.12 " the mean of which is 79.173 ft. from the secant.
86.00	Set a sandstone 12 x 12 x 6 ins. 8 ins. in the ground for standard cor. to sec 32 x 33 marked F.C. on N. with four grooves on E. and 2 on W. faces and raised a mound of stone 2 ft base 1½ ft high N. of cor. Sets impracticable.
<i>W. 25</i>	
	Land mountainous and level Soil 3rd and 1st rate Timber scattering pine cedar & mahogany Mountainous on W. 48.00 obs.

12.00	East on the secant through sec. 33 across Crossis Draw Leave Crossis Draw, slight ascent on N. side of broad rolling hollow draining N. into Crossis Draw Difference in measurement of 40 obs by two sets of chainmen is 8 lbs. By 1st set of chainmen 39.96 obs " 2nd " " " 40.04 "
-------	--

Salt Lake Base line in T. 1 at R. 25 E.

obs	the mean of which is
40.00	L. 2.15 ft. from secant Set a sandstone 19x10x4 ins. 13 ins. in the ground for standard cor. marked L.C. $\frac{1}{4}$ in. on st. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft high N. of cor. - Sets impracticable
56.50	Wash 30 lbs. wide 10 ft. deep drains off N.
59.50	Wash 30 lbs. wide 10 ft. deep drains S.W.
61.00	Wash 30 lbs. wide 10 ft. deep drains off W.
68.00	Wash 30 lbs. wide 10 ft. deep drains S.W.
68.50	Wash 30 lbs. wide 10 ft. deep drains off W.
70.50	Spring Branch in bottom of same 2 lbs. wide 2 ft. deep ins. off W.
	Difference in measurement of 80 obs. by two sets of chainmen is 20 lbs.
	By 1st set 70.90 obs.
	" 2nd " 80.10 " the mean of which is
80.00	L. 2.30 ft. from secant Set a sandstone 22x14x4 ins. 16 ins. in the ground for standard cor. to see 33x34 marked L.C. on st. with 3 grooves on E. & W. faces and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft. high N. of cor. Sets impracticable. Land rolling Soil 1st rate No timber

July 25th 1895.

East on the secant through sec. 34

12.00	Wash 30 lbs wide 10 ft. deep drains off W. and Spring Branch in bottom of same 2 lbs. wide 3 ins. deep ins. off W.
12.50	Leave hollow ascend off W. slope in cedars
25.00	Leave cedars
31.00	Descend sandstone cliff 30 ft. deep. ins. off W.

Salt Lake Base Line in T. 1 N. R. 25 E.

Obs.	and S.E.
31.50	Spring Branch 2 lbs wide 3 ins. deep runs S.W. in Ravine 30 ft deep.
34.00	End of Spring Branch 2 lbs. wide 3 ins. deep runs W. heads etc. in Ravine 30 ft deep Difference in measurement of 40 obs. by two sets of chainmen is 26 lbs. By 1 st set 39.87 obs. " 2 nd " 40.13 " the mean of which is
40.00	1.25 ft from secant Set a sandstone 24 x 14 x 3 ins - 18 ins. in the ground for standard 1/4 sec. cor., marked F.C. 1/4 on E. st. face and raised a mound of stone 2 ft base 1 1/2 ft high W. of cor. A pine 7 ins. diam bears N. 75° 20' W. 40 lbs dist. marked F.C. 1/4 34 B.T.
70.00	Spring Branch 2 lbs. wide 3 ins. deep runs W. in ravine 30 ft deep Difference in measurement of 80 obs. by two sets of chainmen is 28 lbs. By 1 st set 79.86 obs. " 2 nd " 80.14 " the mean of which is
80.00	1.73 ft. from secant Set a sandstone 20 x 12 x 4 ins. 15 ins. in the ground for Standard Cor. to secs. 34 & 35 marked F.C. on st. with 2 grooves on E. and 4 on W. faces and raised a mound of stone 2 ft. base 1 1/2 ft. high st. of cor. - Sets impracticable. A pine 10 ins. diam bears N. 72° 55' E. 18 lbs. dist. marked T. 1 N. R. 25 E. F. 35 B. T.
	A pine 6 ins. diam. bears N. 52° 30' W. 34 lbs. dist. marked T. 1 N. R. 25 E. F. 34 B. T. Land rolling & mountainous Soil 2 nd & 4 th rate very rocky Timber cedar and piñon pine Mountainous and timber on E. 67.50 obs.

Salt Lake Base Line in T. 1 N. R. 25 E.

obs.

Lat. $40^{\circ} 54' E.$ on the secant
through sec. 35

Over sandstone ledges inc cedar and piñon
pine

Difference in measurement of 40 obs. by 2 sets
of chainmen is 22 lbs

By 1st set 39.89 obs.

" 2nd " 40.11 " the mean of which
40.000 Lat. 1.01 ft from secant

Set a sandstone $20 \times 10 \times 5$ ins. 15 ins. in the
ground for Standard 1/4 sec. cor. marked S.C.
on N. face and raised a stone mound 2 ft.
base 1 1/2 ft. high W. of cor. Pts. up

A piñon pine 6 ins. diam bears N. 15° E 22
lbs dist. marked Lat. 1/4 sec. 35. C.T.

50.50 Summit of ridge spur 100 ft. high bears S.W.
6000 cliff 15 ft. high bears N.E. & S.W.

63⁰⁰ Bear cedars - cedar grassy flat bears N.E.
and S.W.

Difference in measurement of 78.95 obs. by 2
of chainmen is 18 lbs.

By 1st set 78.86 obs

" 2nd " 79.04, the mean of which is
78.95 obs. W. of mile cor. No. 261, which is
a sandstone marked and witnessed as de-
scribed by the Surveyor General - At point of
intersection set a sandstone $16 \times 8 \times 5$ ins.

11 ins. in the ground for design cor to sec 35 T. 1 N.
R. 25 E. and sec 1 in T. 1 S. R. 25 E. marked C.C. 01
in W. C. on E. S.C. 6 grooves on N. and

6 grooves on S.W. faces and raised a mound of
stone 3 ft. long 2 ft. high W. of cor. pts. supersedes
and supersedes and level

Foot 4 1/4 ft. 8^{1/2} 1st rate

Timber piñon pine and cedar on W. 63 obs
Mountainous on W. 63⁰⁰ obs.

July 26th 1898

Fall Lake Baseline in T. 10 N. R. 25 E.

General Description

For general description of the land on both sides of this line see the field notes of Subdivision of T. 10 R. 25 E. and additional subdivision of T. 10 R. 25 E.

Adolphe Jensen
U. S. Dep. Surveyor.

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by

Adolphus Jensen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of
the Salt Lake Base Line in T. 1 N. R. 25 E.
showing the respective capacities in which they acted:

Stephen Sheltor Jr. - John Buchanan, Chainman.
John Holmes - Charles Potter, Chainman.
Hugh Hughart, Moundman.
Hugh Hughart, Moundman.
P. J. Morgan, Axman.
Frank J. Briggs, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

Adolphus Jensen

, United States Deputy Surveyor, in surveying all

those parts or portions of the

Salt Lake Base Line in T. 1 N.

R. 25 E.

of the

Salt Lake Meridian, of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

John Buchanan, Chainman.
Charles Potter, Chainman.
Stephen Sheltor, Moundman.
John Holmes, Moundman.
Hugh Hughart, Axman.
P. J. Morgan, Axman.
Frank J. Briggs, Flagman.

Subscribed and sworn to before me this 27th day of July, 1898 }

Adolphus Jensen
U. S. Dep. Surveyor



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphus Jensen, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob B. Blaine, United States Surveyor General for Utah, bearing date of the 9th day of November, 1898, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Salt Lake Base Line in T. 1 N. R. 25 E.

Salt Lake meridian, in the Tropic of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphus Jensen
United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 _____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 10th, 1899
The foregoing field notes of the survey of The Salt Lake Base Line in
Township 1 North Range 25 East of the Salt Lake
Moderne

executed by Adolphus Jensen
under his contract No 218, dated November 9th, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob B. Blaine
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-254

J.W.B.

FIELD NOTES

OF THE SURVEY OF THE

*Additional Subdivision**of**Tp. 1 Sect. R. 25 East*Of the *Salt Lake Base & Meridian,**State of Utah*

AS SURVEYED BY

Adolphus Jessen, United States Deputy Surveyor,Under his Contract No. 218, dated November 9th, 1897Survey commenced July 26th, 1898Survey completed August 4th, 1898

6-161

<i>Survey (begin)</i>	<i>m. ab. sec.</i>
<i>" 2 "</i>	<i>31- 50- 00 V 34</i>
<i>" Chicago</i>	<i>9- 00- 05 V 1/4 0</i>
	<i>1- 37- 25 V</i>

W.M. Johnson - Chas. F. W. B., 3-02-02 ✓

NAMES AND DUTIES OF ASSISTANTS.

John Flahavan }
Charles Potter } chairman

Hugh Thigpen Memorandu

Hugh Thigpen } Assessor
D. S. Morgan

Frank J. Boiggs Fragment

For preliminary affidavits see book "A"

(58)

C
Subs-T

A-254

M. Rdg

Rebalance

costly

M. Chs-1 Chs-

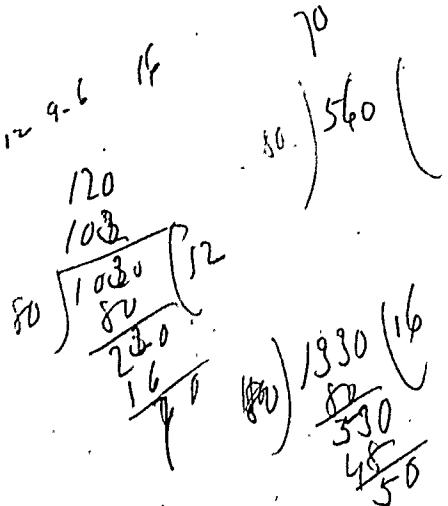
✓ 1-00-21

✓ 1-00-25

✓ 1-01-56

3-02.02

high	low	changes	
m. chs-1 Chs-	m. chs-1 Chs-	m. chs-1 Chs-	
1-00-00 ✓		19-50 ✓	
72-40 ✓			
1-00-00 ✓		19-60 ✓	
72-30 ✓		19-65 ✓	
40-00 ✓	40-00 ✓		
25-88 ✓	46-00 ✓		
75-00 ✓	5-00 ✓		
71-40 ✓		20-10 ✓	
1-00-18 ✓		7.95 ✓	
1-00-00 ✓			
79-84 ✓			
1-00-00 ✓			
79-92 ✓			
1-00-00 ✓			
79-96 ✓			
1-00-00 ✓			
79-88 ✓			
50-00 ✓		30.52 ✓	7.95 ✓
1-00-14 ✓			
43-00 ✓		37-00 ✓	
38-00 ✓		42-00 ✓	
35-00 ✓		45-00 ✓	
1-00-20 ✓			
1-00-00 ✓		25-36 ✓	
55-00 ✓		33-80 ✓	7.50 ✓
45-00 ✓		26-00 ✓	
54-00 ✓		1-00-22 ✓	
52-50 ✓		27-50 ✓	
1-00-34 ✓			
45-00 ✓		35-00 ✓	
67-76 ✓		12-50 ✓	7.50 ✓
1-01-10 ✓		1-00-48 ✓	
10-25 ✓		69-75 ✓	
20-00 ✓		60-42 ✓	
78-65 ✓		24-00 ✓	
56-00 ✓			
1-00-30 ✓			7.50 ✓
1-00-10 ✓			
1-01-30 ✓			
31-50-40 ✓	9-00-55 ✓	1-37-25 ✓	
	✓ 4	✓ 5	



INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	20	28	27	26	25
21	22	23	24	25	26

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE,

and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

Subscribed and sworn to before me this _____
day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 }



Additional Subdivision in T. I. S. R. 25 E. S. L. M.

Obs. Survey commenced July 26th 1898.
 I begin at the established cor. to
 secos. 25-26-35 & 36 which is a granite 18x
 6x6 ins. marked and witnessed as described
 by the Surveyor General - At said cor. in
 Lat. $40^{\circ} 42' N.$ - Long. $109^{\circ} 0' 45'' W.$ at 9^h 32^m
 P. M. L. m. t. I observe Polaris in accordance
 with the Manual of Instructions and mark a point
 on the line thus determined on a plug driven
 into the ground 5 chs. E. of cor.

Astron. L. m. t. of obs. July 26-98 9^h 32^m.
 H. C. Polaris July 15th 17 h. 43.5^m

Red. to July 26th 43.5^m.

H. C. of Polaris July 26th 17.00^m
 True angle of Polaris at obs. 16 h 37.5^m,
 Subtract from 23.56^m

True argument for Table II 7h 04m
 Survey made with instrument described in book 'A'

July 27th 1898 at 7 h. 00^m A. M. I lay
 off the azimuth of Polaris 103° to the west
 and mark the true meridian thus determined
 by a tack driven into a plug firmly set in the
 ground west of the point established last
 night - The magnetic bearing of said true
 Meridian is $81^{\circ} 55' W.$ which reduced
 by the table on page 100 of the Manual gives
 the mean mag. decl. $81^{\circ} 15' 45'' E.$

Thence S. 81^o 15' 45'' E.

N. 0°01' W between secos. 25 & 26

Second specimen I chose in south Mahogany pine
 Cliff 40 ft. high bears E. & W.

Falls on a stationary sandstone $2\frac{1}{2} \times 2 \times \frac{1}{2}$ ft
 above ground. I cut a cross(+) at the exact
 cor. point for $\frac{1}{4}$ sec. cor. mark $\frac{1}{4}$ on W. side and
 raise a mound of stone 2 ft base $1\frac{1}{2}$ ft high W. of
 cor. Lots impracticable.

A Mahogany 10 ins. diam. bears. N. $47^{\circ} E.$ 2 ft
 distant marked $\frac{1}{4}$ S. 25 D.T.

A. mahogany 6 ins. diam. bears S. $80^{\circ} W.$ 12 lbs

35.00

40.00

Additional Subdivision of T. 1 S. R. 25 E.

obs.	dist. marked 14 S. 26 B. T.
72.00	Approximate S. rim of mountainous broken plateau 2000 ft. above Fort Creek Valley bears S.W. & S.E.
- 87.00	Set a sandstone 20 x 12 x 7 ins. 15 ins. in the ground for cor to secs 23, 24, 25 & 26 marked 2 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Its impracticable A pine 18 ins. diam. bears S. 28° W. 86 lbs. distant marked T. 1 S. R. 25 E. S. 26 B. T. A pine 9 ins. diam. bears N. 51° 15' E. 85 lbs. dist. marked T. 1 S. R. 25 E. S. 25 B. T. A pine 7 ins. diam. bears N. 38° 15' E. 114 lbs. distant marked T. 1 S. R. 25 E. S. 24 B. T. An aspen 5 ins. diam. bears N. 19° 35' W. 38 lbs. dist. marked T. 1 S. R. 25 E. S. 23 B. T. Land mountainous Soil 4 $\frac{1}{2}$ rate very rocky Timber scattering mahogany pine & aspen Mountainous on 8000 obs.

East on a true line
between secs 24 & 25

Over very broken and rocky plateau in scattering mahogany and pine.

40.00 Set a sandstone 30 x 15 x 5 ins. 22 ins. in the ground for the sec. cor. marked 14 on E. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Its impracticable

A dead Mahogany 4 ins. diam. bears S. 31° 30' E. 15 lbs. dist. marked 14 S. 24 B. T.

A dead Mahogany 4 ins. diam. bears S. 40° E. 85 lbs. dist. marked 14 S. 25 B. T.

Second precipitous E. slope, lava plateau

Intersection Utah - Colorado Boundary line 19.52 obs.
15. of mile cor. obs. 257 which is a sandstone
20 x 6 x 6 ins. marked and witnessed as described

Additional Subdivision of T. 1 S. R. 25 E. L. H. M.

Obs by the Surveyor General. At point of intersection in a gulch draining S.E. 150 ft. deep I cut a sandstone 18 x 10 x 8 ins. 12 ins in the ground for closing cor. to secs. 24 x 25 marked C.C. on W. with 2 grooves on S. and 4 on E. faces and raised a mound of stone 3 ft. base 2 ft. high N.W. of cor. Pits impractical.

An aspen timber bears S. 50° 15' W. 99 lbs. marked C.C. T. 1 S. R. 25 E. S. 25 B. T.

An aspen 6 ins. diam. bears S. 20° 15' W. 112 lbs. marked C.C. T. 1 S. R. 25 E. S. 24 B. T.

Pseud monticola

Soil 4th rate - very rocky

Timber scattering pine, mahogany and aspen
Mountainous on 72.40 shs.

S. 0° 01' W. bet. secs. 23 & 24

In pine and aspen timber.

Large pine lumber; enter mahogany brush

Descent from broken plateau over precipitous ledges in pine and aspen timber

I cut a sandstone 16 x 12 x 12 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N.W. of corner. Pits impractical.

A pine 14 ins. diam. bears S. 87° E. 9 lbs. dist. marked 1/4 S. 24 B. T.

A pine stump 9 ins. diam. 15 ft. high bears S. 73° W. 20 lbs. distant marked 1/4 S. 23 B. T.

Bottom of draw 10 shs. wide drains W., large timber.

I cut a sandstone 18 x 10 x 5 ins. 12 ins. in the ground for cor. to 13. 14. 23 & 24 marked 3 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high N.W. of corner. Pits impractical.

An aspen 7 ins. diam. bears S. 38° 45' W. 31 lbs.

Additional Subdivision of T. 1 S. R. 24 E. S. L. M.

Obs. dist. marked T. 1 S. R. 25 E. S. 23 B.T.
 An aspen tree diam. bears S. 26° 30' E. 30 lbs
 dist. marked T. 1 S. R. 25 E. S. 24 B.T.
On open bars within limit
Gated mountainous
 Soil 4th rate - very rocky
 Timber Pine & aspen on 49 obs.
 Mountainous on 80 obs.

East on a true line
 between secs 13 & 24

Second

- 28.00 Enter pine timber
- 31.00 Sandstone cliff 50 ft. high enter plateau 1000
 high bears N & S.
- 40.00 Falls on a stationary sandstone 16 x 12 x 10 ft
 above ground. I cut a cross (+) at the exact
 cor. point for 1/4 sec. cor.; mark 1/4 on N. face
 and raise a mound of stone 2 ft. base 1 1/2 ft.
 high N. of cor.
- A pine 15 in. diam bears N. 90° 50' W. 21 lbs.
 dist. marked 1/4 S. 13 B.T.
- A pine 14 in. diam bears S. 24° E. 36 lbs.
 dist. marked 1/4 S. 24 B.T.
54. Leave very broken plateau Second precip
 E. slope
- 69.00Leave timber
- 72.30 Intersect Utah - Colorado Bdy. line 19.60 obs
 W. of mile cor. No 258 which is a sandstone
 15 x 5 x 5 ins. firmly set, marked and sets
 as described by the Surveyor General. At point
 of intersection I set a sandstone 14 x 8 x 8
 10 ins. in the ground for closing cor. to secs.
 13 x 24 marked C.C. on W. with 3 grooves
 on I & N. faces and raised a mound of
 stone 3 ft. base 2 ft. high W. of cor. sets in
 Gated mountainous, very broken
 Soil 4th rate very rocky

Additional Subdivision of T. 1 S. R. 25 E. S. L. M.

Chs.

Timber pine on 41 chs
Mountainous on 72.00 chs.

July 27th 1898

at 0°01 N. lat secos. 13 & 14

Around

19.00

Top of ridge spur 400 ft high bears W.

40.00

Set a sandstone 12 x 8 x 5 ins 8 ins. in the ground
for 1/4 sec. cor., marked 1/4 on W. face and raised

55.00

a mound of stone 2 ft. base 1 1/2 ft. high W. of corn
springs from 23.50 chs.

64.00

Bottom of broad rolling hollow drains S.W.

80.00

Set a sandstone 16 x 12 x 6 ins - 11 ins. in the

112.00

ground for cor. to secos 11. 12. 13 x 14; marked

117.00

4 notches on S. and 1 on E. edges and raised

a mound of stone 2 ft. base 1 1/2 ft. high W. of

corner - Its impracticable

land mountainous and rolling.

Set 4th and 2nd rate - rocky.

Timber some scattering mahogany and service
very brush on S. W.

Mountainous on S. 40.00 chs.

East on a line line

between secos. 12 & 13

29.00

Center of broad joining hollow drains S.W.

40.00

Set a sandstone 16 x 10 x 10 ins. 11 ins. in the ground
for 1/4 Sec. cor., marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of
cor. - Its impracticable.

46.00

Have followed around steep and rocky W. slope

71.88

Interest Utah - Colorado Bdy. line 19. 65 chs

25.88

N. of mile cor. No. 259 which is a sandstone

46.00

16 x 10 x 6 ins firmly set marked and situated

as described by the Surveyor General. At the

Additional Subdivision of T. 1 S. R. 25 E. S. L. M.

chs. point of intersection I set a sandstone
 36 x 24 x 24 ins. 24 ins. in the ground for
 clearing cor. to secs 12 & 13 marked C. C. on N.
 face with 4 grooves on S. and 2 on E. faces
 raised a mound of stone 2 $\frac{1}{2}$ ft. base 2 ft. high N.
 of cor. Its impracticable
 Land rolling and mountainous
 Soil 2nd & 4th rate rocky
 No timber
 Mountainous on E. 25.88 chs.

N. 0°01' W lot nos 11 & 12
 5.00 Around bear broad hollow
 9.00 Ridge spur 150 ft high bears S.E.
 40.00 Set a sandstone 14 x 10 x 4 ins. 10 ins. in the
 ground for 1/4 sec. cor. marked 1/4 on N. face
 raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high
 of cor. Its impracticable.
 5. - Top of ridge 500 ft. high bears N.E. & S.W.
 57.00 Steep descent enter timber.
 80.00 Set a sandstone 24 x 10 x 3 ins. 10 ins. in
 ground for cor. to secs 1. 2. 11 & 12 marked
 5 notches on S. and 1 on E. edges and raised a
 mound of stone 3 ft. base 1 $\frac{1}{2}$ ft high N. of cor.
 Its impracticable
 One aspen 6 ins. diam. bears N. 47°07' W. 18 lbs. dist.
 marked T. 1 S. R. 25 E. T. 2 B. T.
 One aspen 5 ins. diam. bears S. 52°15' W. 24 lbs.
 dist. marked T. 1 S. R. 25 E. T. 11 B. T.
 One aspen 6 ins. diam. bears N. 43°15' E. 36 lbs
 dist. marked T. 1 S. R. 25 E. T. 1 B. T.
 A dead Mahogany 5 ins. diam. bears S. 54°10' E.
 23 lbs dist. marked T. 1 S. R. 25 E. T. 12 B. T.
 Land mountainous
 Soil 2nd and 4th rate - rocky
 Timber pine and mahogany in N. 23 chs
 Mountainous or timber on S. 45.5 chs

Additional Subdivision of T. 1 S. R. 25 E. S. L. M.

chs

East on a true line sec. 1 & 2

Around

Lean timber

- 6.00 Set a sandstone 22x13x7 ins. 17 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable.
- 45.00 Summit of ridge upon 1500 ft. high bears W.
- 62.00 Gulch 100 ft deep drains W. heads 10 chs S. outer scattering pine
- 71.40 Intersect Utah-Colorado Body line 20' 10 chs N. of mile cor. do 260 which is a sandstone 18x14x3 ins. finely set marked and witnessed as described by the Surveyor General. At point of intersection set a sandstone 30x24x20 ins 23 ins in the ground for closing cor. to secos 18 1/2 marked C. C. on W. with 5 grooves on S. and 1 on E. faces and raised a mound of stone 6 ft base 1 1/2 ft. high N. of cor. Pits impracticable

A dead pine 16 ins. diam. base 2.49-451 ft.
No lks dist. marked C. C. T. 1 S. R. 25 E. S. 12 B. T.
A pine 16 ins. diam. base 1.21-30.15 g. 5 lks
dist. marked C. C. T. 1 S. R. 25 E. S. 1 B. T.

Raised, scattered stones

Soil 4th rate very rocky

Treeless scattering pines and scrubby
Mountainous on S. 40 also

at 0°01' N. on a true line

Set. secos. 1 & 2

Around S.W. slope

- 17.00 Lean pine timber and scrubby brush
- 40.00 Set a sandstone 16x9x7 ins. 11 ins. in the ground for 1/4 sec. cor.; marked 1/4 on W. face

Additional Subdivision of T. 1 S. R. 25 E. J. L. M.

- Obs and raised a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
- 62.00 Bottom of broad hollow drains W.
- 66.00 Second in cedar
- 80.18 Intercept the Fall Lake Baseline 7.95 obs.
E. of Standard cor. to sec. 34 & 35 T. 1 N.
R. 25 E. Section described. At this point
of intersection I set a sandstone 19x14x3
ins 15 ins in the ground for closing cor. to
secs 1 & 2 marked C. C. on S. with 1 groove on
E. and 5 on W. faces from which
A pine 15 ins diam. bears $2.87^{\circ}W.$ 21 lbs. dist.
marked C. C. T. 1 S. R. 25 E. S. 1 B. T.
- R. cedar 10 ins. diam. bears $2.49^{\circ}E.$ 36 lbs. dist.
marked C. C. T. 1 S. R. 25 E. S. 1 B. T
- Based mountains
- Gril 3rd & 4th rate very rocky
Pine tree mahogany aspect & cedar on 31st obs
Mountains on 80.18 obs.

July 28th, 1898

From the established cor. to secs. 27.
26 34 & 35 which is a sandstone 12x9x7 ins
marked & situated as described by the
Surveyor General I run

N. 0° 0' W. lat. secs 26 & 27

Closed

- 8.51 Enter plateau, 1500 ft above Ft Creek basin
N.E. and N.W., - covered with Mahogany brush
and scattering pine - very broken and rocky
falls on solid sandstone ledge, flat with the
ground. I cut a cross(t) at the road cor.
point for 1/4 sec. cor. and marked the ledge 1/4
in W. side of cor. and raised a mound of
stone 2 ft. high 1 $\frac{1}{2}$ ft. high W. of cor. Pits
impracticable.
- A pine 15 ins diam. bears $2.60^{\circ}45'W.$ 131 lbs

Additional Subdivision of T. 1 S. R. 25 E. S. L. M.

obs.	dist. marked $\frac{1}{4}$ S. 27 B.T. A pine 12 ins. diam. bears N. $57^{\circ}30' E.$ 167 lbs dist marked $\frac{1}{4}$ S. 26 B.T.
43.15	Limestone ledge 40 ft. high bears E. & W.
80.00	Set a sandstone 20 x 9 x 6 ins 15 ins. in the ground for cor. to secs 22, 23, 26 & 27, marked 2 notches on E. and S. edges from which A cedar 8 ins. diam bears S. $84^{\circ}50' E.$ 53 lbs dist. marked T. 1 S. R. 25 E. S. 26 B.T. A pine 10 ins. diam. bears S. $39^{\circ}20' W.$ 92 lbs dist. marked T. 1 S. R. 25 E. S. 27 B.T. A mahogany 7 ins. diam. bears N. $17^{\circ}10' E.$ 68 lbs. dist. mark T. 1 S. R. 25 E. S. 23 B.T. A mahogany 5 ins. diam bears N. $38^{\circ}20' W.$ 38 lbs dist. marked T. 1 S. R. 25 E. S. 22 B.T. Hard mountainous and broken Soil 4 th rate - very rocky Timber Mahogany pine & cedar Mountainous and timber on 80.00 obs

S. $89^{\circ}42' E.$ in a random line
between secs. 23 & 26

40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.84	Intersect N. & S. line at cor. to secs 23-24 25 & 26 Thaw I road
	N. $89^{\circ}42' W$ in a true line bet secs. 23 & 26
	Ascend
18.00	Head of hollow drain N. Ascend.
31.00	Enter broken plateau 2000 ft above Pot Creek Valley bears N.W. & S.E.
39.92	Set a sandstone 18 x 14 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on st. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft high st. of cor. fits impractically

Additional Subdivision of T. 1 S. R. 25 E. H.M.

obs.

- 79.8 The cor. to secs. 22-23. 26 & 27
land mountainous and broken
Soil 4th rate, very rocky.
Timber Mahogany brush and scattering
Mountainous on 79.84 obs.

N. 0° 02' W. bet. secs. 22 & 23

Over broken rocky plateau in timber
falls on stationary sandstone 3 x 3 x 1½ ft.
above ground. I cut a cross (+) at the exact
cor. point for 1/4 sec. cor., mark 1/4 on W. side
from which

A Balsam 8 ins. diam. bears N. 47° 45' W.
1.34 obs. dist marked 1/4 S. 22 B.T.

A red pine 10 ins. diam. bears N. 35° E. 1.64 obs. di
marked 1/4 S. 23 B.T.

79.00 Have broken plateau, descend broken NE.

80.00 In a sandstone 16 x 6 x 6 ins. 11 ins in the ground
for cor. to secs. 14. 15. 22 & 23; marked 3 notches
on S. and 2 on E. edges and raised a
of stone 2 ft base 1½ ft. high W. of cor. Pts
impracticable

A balsam 8 ins. diam. bears N. 77° 10' E. 300 lbs
dist marked T. 1 S. R. 25 E. S. 14 B.T.

A balsam 8 ins. diam. bears S. 105° W. 177 lbs.
dist - marked T. 1 S. R. 25 E. S. 22 B.T.

A balsam 7 ins. diam. bears S. 57° 40' E. 252
lbs. dist - marked T. 1 S. R. 25 E. S. 23 B.T.
etc other trees within limits.

Land mountainous - very broken.

Soil 3rd and 4th rate rocky

Timber pine, balsam and Mahogany
Mountainous on 80.00 obs.

Additional Subdivision of T. 1 S. R. 25 E. F. G. H.

obs.	$S. 89^{\circ} 42' E.$ on a random line bet. secs. 14 & 23.
40.00	Set temp. 1/4 sec. cor.
79.92	Interest at S. line 41 lbs. S. of cor. to secs. 13, 14, 23 & 24 Thick 2 mm West on a true line bet. secs. 14 & 23.
2.50	Leave aspen timber
9.50	Enter aspen timber
13.00	Leave aspen timber
35.00	Small spring 8 obs. S. - Enter scattering aspen
39.00	Hollow 10 ft deep drains N.
39.50	Remains of cabin bears S. 3 obs.
39.96	Set at sandstone 14 x 8 x 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which An aspen 5 ins. diam. bears S. 60° 55' W. 174 lbs. dist. marked 1/4 S. 23 B. T.
	An aspen 10 ins. diam. bears S. 63° E. 304 lbs. dist. marked 1/4 S. 14 B. T.
66.50	Enter dense aspen grove
68.50	Leave same
79.92	The cor. to secs 14, 15, 22 & 23. Sand mountains and heavy rolling Soil 2 nd & 3 rd rate rocky Timber aspen on 8 th obs. otherwise scattering aspen Mountains abv 79.92 obs.

N. 0° 02' W. bet. secs. 14 & 15

	Mixed
10.00	Leave scattering timber
40.00	Set a sandstone 20 x 10 x 6 ins. 15 ins. in the

Additional Subdivision of T. 19 R. 25 E. S.

Obs.	ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. - Its impracticable.
48.00	Wash 20 ft. wide 7 ft. deep drains off in flat hollow 50 ft. deep.
49.00	Asced.
52.00	Cedar scattering cedar.
72.50	Bear scattering cedar.
80.00	Set a sandstone 18x10x8 ins. 12 ins. in the ground for cor. to secs. 10. 11. 14 & 15 marked 4 notches on S. and 2 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. - Its impracticable. Land mountainous and heavy rolling Grid 3rd rate - rocky Timber scattering pine cedar and Mahogany Mountainous on 80.00 Obs.

July 29th 1898

East on a random line
bet. secs. 11 & 14

40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersection of S. & E. line 18 ft. S. of cor. to secs 11. 12. 13 & 14 Then S. line S. 89° 52' W. on a baseline bet. secs. 11 & 14
10.00	Ridge open 100 ft. high bears S.
39.98	Set a sandstone 16x11x8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high E. of cor. - Its impracticable.
44.50	Sandstone cliff 40 ft. high bears N.E. & S.W.
45.00	Cedar Mahogany
48.00	Ridge 150 ft. high bears N.E. & S.W.
49.00	Bear mahogany
50.70	Cliff 15 ft. deep bears N.E. & S.W.

Additional Localities of T. 1 S. R. 25 E. T. L. M.

<p>Aug 57.10 79.96</p>	<p>Cliff 25 ft. deep bears ch. & G.W. The cor. to secs. 10, 11, 14 & 15 Landslides numerous Till 3rd & 4th rate - rocky. Timber a few Mahogany Florulae seen on 79.96 chs.</p>
	$45^{\circ} 0' 02'' N.$ but secs 10 & 11.
1.10	Wash 10 ft. wide 2 ft. deep in small hollow drains N.
27.00	Enter cliff 5 ft. high on top of ridge 100 ft. high bears ch. & G.W.
28.75	Heavy woods - water closer Mahogany and various berry bush with patches of aspen Set a sandstone 20x13x8 ins. 15 ins. in the ground for cor. cor., marked $\frac{1}{4}$ on W. face from which
	the upper 5 ins. clean bears T. 59° 00' E. 33 ft. distant, marked $\frac{1}{4}$ T. 11 B. T.
	the upper 3 ins. clean bears T. 50° N. of th. dist. marked $\frac{1}{4}$ T. 10 B. T.
44.00	Bottom 5 ft. deep drains N. N.E.
44.00	G.W. point of ridge 50 ft. high.
51.00	Bottom 5 ft. deep drains N. N.E. Second steps 5 ft. stepped
86.70	Set a sandstone 20x14x8 ins. 15 ins. in the ground for cor. to secs 2, 3, 10 & 11 - marked 5 notches on S. end 2 on E. edges from which A. Mahogany bins. diam. bears T. 61° 45' N. 65 ft. dist. marked T. 1 S. R. 25 E. T. 10 B. T. B. stumps 2 ft. high bins. diam. bears T. 35° 40' N. 18 ft. dist. marked T. 1 S. R. 25 E. T. 3 B. T. A dead pine 14 ins. diam. bears T. 64° 30' E. 14 ft. dist. marked T. 1 S. R. 25 E. T. 2 B. T. A dead pine 12 ins. diam. bears T. 41° E. 22 ft. dist. marked T. 1 S. R. 25 E. T. 11 B. T.

Additional Subdivision of T. 1 S. R. 25 E. I. G. M.

obs. Land mostly broken ledges
 Soil 4 ft. rate very rocky
 Timber scattering bunch of Mahogany, Spruce
 and aspen - a few pines
 Monotaxis on 80.00 obs.

at $89^{\circ} 52' E.$ on a random line
 betw. secs. 2 & 11

- 40.00 Site temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect at $89^{\circ} 52'$ line at cor. to secs. 1-2-11 & 1'
 Then S. line
 at $89^{\circ} 52' W.$ on a true line
 between secs. 2 & 11
 4.00 Ridge spur 100 ft high bears st.
 26.00 Gulch 100 ft. deep drains st.
 39.94 Falls in a stationary sandstone $4 \times 3 \times 2\frac{1}{2}$
 above ground. I cut a cross (+) at the exact
 cor point for $\frac{1}{4}$ sec. compass $\frac{1}{4}$ on st. side
 from which
 A Mahogany 4 in. diam. bears at $26^{\circ} 30' E$
 9 lbs. dist. marked $\frac{1}{4}$ ft. 2 B.T.
 A mahogany 4 in. diam. bears. $42^{\circ} E.$ 22 lbs.
 dist. marked $\frac{1}{4}$ ft. 11 B.T.
 40.00 Ridge spur 400 ft high bears st.
 64.00 Gulch 100 ft. deep drains st.
 79.57 Point of ridge 500 ft high to N.E.
 79.88 The cor. to secs 2. 3. 10 & 11
 Land mostly broken ridge
 Soil 4 ft. rate very rocky.
 Timber scattering Mahogany and pines.
 Monotaxis on 79.88 obs.

at $89^{\circ} 52' W.$ on a true line
 between secs. 2 & 3

Additional Subdivision of T. 1 S. R. 25 E. I. G. M.

chs.	
4.00	Ridge 500 ft. high bears N.W. & S.E.
4.50	Sandstone cliff 15 ft. deep bears E & W. - Descend N. slope in burnt Mahogany & pine.
30.00	Leave burnt timber, enter scattering aspen brush
40.00	Set a sandstone 15 x 8 x 7 - ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Sets impracticable
50.00	Enter flat drains W. Leave scattering aspen
80.52	Intersect Salt Lake Base line of '95 chs E. of Standard cor. to secs. 33 & 34 T. 1 S. R. 25 E. - At point of intersection set a sandstone 20 x 8 x 4 ins. 15 ins. in the ground for Closing cor. to secs. 2 & 3 marked C. C. on S. with 2 grooves on E and 4 on W. faces and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. Sets impracticable.
30.52	Land mountainous and level
	Soil 4 th and 1 st rate
	Timber burnt mahogany and pine and scattering aspen on S. 50 chs.
	Mountainous on S. 60.00 chs.

July 30th 1898

I begin at the established cor. to secs 21. 22. 27 & 28, which is a sandstone 11 x 10 x 9 ins marked and witnessed as described by the Surveyor General, - and run
 L. $89^{\circ} 48'$ E. on a random line
 bet. secs. 22 & 27

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect N. & S. line 28 lbs. S. of cor. to secs. 22. 23. 26 & 27
 Then I run
 West on a true line
 bet. secs 22 & 27

Additional Subdivision of T. 19. R. 25. E. T. C.

Obs. 50 21.50	Leave timber Second sandstone cliff 40 ft. high bears N. & S.
30.00	Hollow 75 ft. deep drains S.
33.00	Ascend sandstone cliff 40 ft. high bears N. & S.
40.07	Falls on cliff 40 ft. high bears N. & S. I cut across(+) in the E. edge of the solid sandstone ledge at the exact cut. point for 1/4 sec. cor., marked 1/4 on W. side of same and raised a stone second 2 ft. base 1 1/2 ft. high. W. of cor. It's impractical.
50.00	Sandstone cliff 40 ft. high bears N. & S.
70.00	Second steep slope through masses of huge boulders in Mahogany and various berry bush The cor. to secs 21. 22. 27 & 28
- 80.14	Land mostly sandstone ledges Still 4 th rate mostly rocks. Timber scattering mahogany and various berry bush Mountainous on 80. 14 obs

N. 0°02' W. lat. secs. 21 & 22

21.50	Through dense Mahogany and large boulders. Ridge 600 ft. high bears E. & W. Second
24.00	Enter pine timber.
25.40	Pine 15 ins. diam. on line marked 2 in thick N. & S. sides
40.00	Set a sandstone 18 x 15 x 12 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face of rock which
	1. Balsam 7 ins. diam. bears N. 65° 35' W. 37 lbs. dist. marked 1/4 S. 21 P. T.
	2. Balsam 8 ins. diam. bears S. 23° 45' E. 8 lbs. dist. marked 1/4 S. 22 P. T.
43.00	Foot of steep mountain, pine timber, then rolling broken flat.
50.00	Set a sandstone 14 x 12 x 6 ins. 10 ins. in the ground for cor. to secs 15. 16. 21 & 22 marked 15. on N.E. and 25 E. on S.E. faces and 3.

Additional Subdivision of T. 1 S. R. 25 E. S. L. m

obs notches on S. and E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Its impracticable land mountainous and rolling soil 4th and 2nd rate - stony. Timber Mahogany on S. 24 obs pine on 19 obs Mountainous on S. 43 obs.

East on a random line
bet secs. 15 & 22

4000 Set temp. 14 sec. cor
8000 Intersect N. S. line at cor. to secs. 14, 15, 22 & 23.
Then I run
West on a true line
bet secs. 15 & 22
Ascend in timber
4.50 Spur of Main Ridge 250 ft. high bears N. - have pine and aspen timber
38.00 Enter rolling ground
40.00 Set a sandstone 15 x 10 x 8 ins. 10 ins. in the ground for 14 sec. cor. marked 14 on st. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Its impracticable.
8000 The cor. to secs. 15, 16, 21 & 22.
Land mountainous and rolling
Soil 2nd and 3rd rate rocky.
Timber pine and aspen on E. 4.50 obs.
Mountainous on E. 38 obs

N. 0°02' W. bet. secs. 15 & 16

22.00 Hollow 20 ft. deep drains W.W.
3000 Enter grassy hollow drains W.

Additional Subdivision of T. 1 S. R. 25 E. I. H. M.

chs	
36.00	Wash, 5 ft. wide 2 ft. deep drains W.
40.00	Set a sandstone 12 x 9 x 7 ins. 8 ins. in the ground for 1/4 sec cor., marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Sets impracticable.
45.00	Leave grassy hollow, ascend
48.00	Enter cedar
60.00	Leave cedar, Ridge open 150 ft. high bears S.W.
64.50	Head of hollow drains S.W.
80.00	Set a sandstone 12 x 10 x 8 ins. 8 ins. in the ground for cor. to secs. 9. 10. 15 & 16 marked 4 notches on S. and 3 on E. faces, and raised a mound of stone 2 ft. base 1 1/2 ft. high, N. of cor. Sets impracticable.
	Land rolling and mountainous
	Soil 2 nd and 3 rd rate rocky
	Timber cedar on 12 chs.
	Mountainous on N. 35 chs

From the abn described air. to secs. 9. 10. 15 & 16 in Lat. $45^{\circ} 44'$ N. and Long. $109^{\circ} 86' 17''$ at 8 h. 56 m P.M. C. m. t. I observe Polaris in accordance with the manual of instructions and mark a point on the line thus determined on a plug driven into the ground 5 chs. N. of corner.

Astoon L. m. t. of obs. July 30th 1898 8 h. 56 m.
H. C. Polaris July 15th 17 h. 43⁵ m.
Red. to July 30th 58.8

H. C. of Polaris July 30 th	<u>16.447</u>
True angle of Polaris at obs. —	16 h. 11 ³ m
Subtract from	23. 56 m
Time argument for Table II	7 h. 45 m

July 30th 1898.

Additional Subdivision of T. 1 S. R. 25 E. S. D. M.

obs:

July 31st 1898 at 7 h. 00 m. A.M. I lay off the azimuth of Polaris $1^{\circ} 27'$ to the west and mark the true meridian thus determined by a tack driven into a peg firmly set in the ground west of the point established last night. The magnetic bearing of said true meridian is N. $75^{\circ} 55' W.$ which reduced by the table on page 100 of the Manual gives the mean mag. decl. N. $15^{\circ} 49' E.$

Then I run

East on a random line
bet. secos. 10 & 15

40.00 So temp. $\frac{1}{4}$ sec. cor.

50.20 Intersect N. & S. line 30 ft. S. of cor. to secos 10, 11, 14 & 15.

Then I run

N. $89^{\circ} 47' W.$ on a true line
between secos. 10 & 15

20.00 Wash in hollow 30 ft deep drains S. W.

30.00 Enter scattering cedars

40.10 Set a sandstone 30 x 24 x 24 inns 23 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which

A cedar 12 ins. diam. bears S. $16^{\circ} 10' W.$ 17 ft.
dist. marked $\frac{1}{4}$ S. 15 D. 5.

A cedar 12 ins. diam. bears N. $51^{\circ} 15' E.$ 20 ft.
dist. marked $\frac{1}{4}$ S. 10 D. 5.

45.50 Ridge 400 ft. high bears N. & S.

53.00 Head of hollow drains S. W.

60.00 Ridge 200 ft. high bears N.E. & S.W.

75.50 Top of steep W. slope

78.50 Have scattering cedars

80.20 The cor. to secos 9, 10, 14 & 15

Scattered monotonous

Fir 3rd rate

Timber scattering cedars on 48. $\frac{5}{2}$ obs

Additional Tabular view of T. 18. R. 25 E. J. G. M.

obs.

Mountainous on 80.00 obs.

N. 0° 02' W. lat. sec. 9 & 10

- 2.00 Ascend rocky S. slope - Enter cedars
2000 Ridge 500 ft. high bears N. 70° E. & S. 70° W.
Scattered cedars
- 35.0 Ridge 20 ft. deep bears E. & W.
- 40.00 Sit a sandstone 20 x 12 x 8 ins. 15 ins. in the
ground for cor. sec. cor. marked 14 on W. face
and raised a stone mound 2 ft. base 1½ ft.
high W. of cor. - Site impracticable
42. Ridge 75 ft deep bears E. & W.
43. Enter hollow drains N. W.
- 58.00 Wash 30 bks wide 10 ft deep drains N. W.
59. Ascend
63. N. point of ridge, 100 ft high - Enter
scattering cedars
66. Broken hollow 50 ft deep drains N.
- 80.00 Sit a sandstone 12 x 10 x 8 ins., 8 ins. in
the ground for cor to sec. 3. 4. 9 & 10, marked
5 notches on S. and 3 on E. edges from which
A cedar 5 ins. diam bears N. 35° 45' W.
7 lbs. dirt - marked T. 18. R. 25 E. S. 9 B. T.
A piñon pine 6 ins. diam. bears N. 12° 30' E. 72 lbs.
dirt - marked T. 18. R. 25 E. S. 3 B. T.
(No other trees within limits) And raised a
mound of stone 2 ft base 1½ ft. high W. of
cor. Site impracticable
- Land mountainous
- Foul 4th rate rocky
- Timber some scattering cedar and piñon
pine
- Mountainous on 80.00 obs

Additional Subdivision of T. 1 S. R. 25 E. L. L. M.

Chs.	<p style="text-align: center;">$N. 89^{\circ} 47' E.$ on a random line between secs. 3 & 10</p> <p>40.00 Set trap $\frac{1}{4}$ sec. cor. 80.36 Intersect N. & S. line 12 Ms. N of cor. to secs 2. 3. 10 & 11 thence 2 ms. $N. 89^{\circ} 42' W.$ on a true line bet. secs. 3 & 10</p> <p>1.00 Head of hollow drains T.W. 40.18 Set a sandstone $30 \times 18 \times 14$ ins 23 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on its face and raised a mound of stone 2 ft base $1\frac{1}{2}$ ft high N of cor. Sets impracticable. 55.00 Foot of steep W. slope - enter rolling ground 80.36 Th. cor. to secs. 3. 4. 9 & 10 Land mountainous and rolling Soil 4th and 2nd rate Timber scattering cedars & brush on E. part Mountainous on E. 55.00 Chs</p> <hr/> <p>$N. 0^{\circ} 02' W.$ on a true line bet. secs. 3 & 4</p> <p>15.00 Around T.W. slopes 35.00 Ridge over 250 ft. high bears W. 40.00 Set a sandstone $24 \times 15 \times 6$ ins 18 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which A dead cedar 15 ins. in diam. bears $S. 20^{\circ} 15' W.$ 37 lbs. dist. marked $\frac{1}{4} S. 4 B. T.$ A red pine 15 ins diam bears $N. 33^{\circ} 10' E.$ 85 lbs dist. marked $\frac{1}{4} S. 3 B. T.$ 60.00 Sparse cedars, enter flat 80.80 Intersect Fall Lake Base Line 7.50 Chs E.</p> <p style="text-align: right;">$45^{\circ} 30'$ $33^{\circ} 30'$</p>
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Additional Subdivision of T. 1 S. R. 25 E. I.H.M.

obs. of Standard cor to secs 32 & 33 T. 1 N. R. 25
uniform described. At point of intersection
set a quartzite 14 x 12 x 10 ins. 10 ins. in the
x closing cor to secs. 3 & 4 marked C.C. on
S. with 3 grooves on E & W. faces and raised
a mound of stone 2 ft. base 1½ ft high S.
of cor. fits impracticable

Land mountainous and rolling
Soil 3rd and 2nd rate rocky
Timber scattering pine & cedar
Mountainous on 45.00 obs

July 31st 1898

I begin at the established cor. to secs 20.
21. 28 & 29 which is a sandstone 11x9 x 5 ins
marked and witnessed as described by the I.
General, and run

N. 8° 0' 3" W. bet secs 20 & 21

38. Descend sandstone cliff 25 ft. days bears E.
& W. on N.E. slope of mountain. ascended
4. Falls on Sandstone 30 x 14 x 10 ins along grain,
I cut a cross(+) at the exact cor. point for
1/4 ac. cor., mark 44 on W. side and raise a
mound of stone 2 ft. high 1½ ft base on W. side
fits impracticable
- 43.5 Ridge open 200 ft high bears N. 70° E.
54. Foot of steep slope, enter rolling ground
80.00 Set a sandstone 14 x 10 x 6 ins 10 ins in the
ground for cor. to secs 16. 17. 20 & 21, mark
3 notches on S. and 4 on E. edges and raise
a mound of stone 2 ft. base 1½ ft. high W.
of cor. fits impracticable
- Land mountainous and rolling
Soil 3rd & 2nd rate. rocky.
Timber none
Mountainous on S. 54.00 obs

Additional Subdivision of T. 1 S. R. 25 E. A. Y. M

Obs	
	S. 89° 23' E. on a random line sec. secs. 16 & 21.
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.22	Intersect N. & S. lines 49 lbs S. of cor. to secs 15. 16. 21 & 22. thence I run.
	N. 89° 44' W. on a true line sec. secs 16 & 21
40.11	Set a sandstone 14 x 10 x 4 in. 10 in. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pots impractical.
78.25	Hollow 30 ft deep drains N.
80.22	The cor. to secs 16. 17. 20 & 21 Ground rolling. Soil 2nd rate stony No timber, some serviceberry and mahogany brush.

N. 0° 03' W. set secs 16 & 17

23.00	Wagon Road bears N.E. & S.W.
27.00	Hollow 15 lbs. wide 2 ft. deep drains W. in hollow
35.00	Ridge spur 150 ft high bears N.E. thence along N.W. slope in cedars
40.00	Set a sandstone 14 x 12 x 4 in. 10 in. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A pine 12 in. diam bears S. 31° 45' W. 20 lbs dist. marked $\frac{1}{4}$ S. 17 D. T.
	A cedar 24 in. diam bears N. 58° E. 13 lbs dist. marked $\frac{1}{4}$ S. 16 D. T.
56.00	Hollow 30 ft deep drains S.W.
62.00	Ridge spur 500 ft. high bears N.E. and

Additional Subdivision of T. 1 S. R. 25 E. S. 4. M.

Sh. S. W. - leave cedars

70.00 Sandstone cliff 20 ft. deep bears N.E. & S.W.

72. Head of hollow drains S.W.

78. Sandstone cliff 20 ft. deep bears N.E. & S.W.

79. Sandstone cliff 25 ft. deep bears N.E. & S.W.

80.00 Set a sandstone 16 x 6 x 6 ins 11 ins. in the

for cor to secs 8. 9. 16 & 17 marked 4 notches

on S. & E. edges and raised a stone wall

2 ft. base $\frac{1}{2}$ ft. high W. of cor. Its imprint

land mountainous and rolling

Soil 2nd rate

Timber Cedar and pinon pine on 2700' obs.

Mountainous on N. 52. $\frac{1}{2}$ obs.

S. $89^{\circ} 44' E.$ on a random line
bet. secs. 9 & 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.3 Intersect N. & S. line 5 lbs. S. of cor to
secs. 9. 10. 15 & 16

Thence I run

N. $89^{\circ} 46' W.$ on a true line

bet. secs 9 & 16

21.00 Enter scattering cedar - ascend

32. Second N. slope

34. Head of hollow drains L. ascend.

37. Sandstone ledge 30 ft. high bears N. & S.

39.5 Ridge 250 ft. high bears N. & S.

40.17 Set a sandstone 22 x 10 x 4 ins 16 ins. in

ground for $\frac{1}{4}$ sec. cor. - marked $\frac{1}{4}$ on N.
from which

A cedar 15 ins. diam bears S. 64° 30' W. 15 lbs.
dist. marked $\frac{1}{4}$ S. 16 B. T.

A mahogany 7 ins. diam bears N. 50° 10' W. 11
dist marked $\frac{1}{4}$ S. 9 B. T.

77.7 Sandstone ledge 25 ft. deep - bears N.E.

Additional Subdivision of T. 1 S. R. 25 E. I. L. M.

cts	and S.W.
78.90	Sandstone ledge 25 ft. deep bears N.E. & S.W.
80.34	The cor. to secs. 8, 9, 16 & 17 Land mountainous Soil 3rd rate - rocky Timber some scattering cedar and pine Mountainous on 80.34 cts.

N. 0° 03' W. bet secs. 8 & 9

Descend on N. slope

11.00	Enter broken flat in hollow drains N.E.
23.00	Dry bed of Crouse Creek 30 ft. wide 10 ft deep drains N.E.
30.50	Road bears N.E. & S.W.
35.00	Around S.E. slope bear broken flat
40.00	Set a sandstone 24x10x8 ins 18 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which

A cedar 10 ins. diam. bears N. 54° W. 125 ft.
dist. marked $\frac{1}{4}$ S. 8 B. T.

No other trees within vicinity. Cedar raised
a mound of stone 2 ft. base 1½ ft. high
W. of cor. fits impracticable.

45.00	Enter cedar and piñon pine.
55.00	Ridge spur 100 ft. high bears W.
62.50	Hollow 50 ft. deep drains E., bear timber.
79.50	Sandstone cliff 100 ft. high bears N.E. & S.W.
80.00	Falls on solid Sandstone ledge. I cut a cross (4) at the exact cor. point for cor to secs. 4, 5, 8 & 9 and mark 5 notches on S. and 4 on E. side of cor. point, and raised a mound of stony 2 ft. base 1½ ft. high. fit impracticable.

Land broken flat and mountainous

Soil 2nd and 4th rate rocky

Timber cedar and piñon pine on 17.50 cts.
Mountainous on N. 45.00 cts.

August 1st 1898

150
35.0

Additional Subdivision of T. 1 S. R. 25 E. I. 4.7

obs

$89^{\circ} 46' E.$ on a random line
bet. secs. 4 & 9

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intercept N. & S. line 5 lbs. W. of cor. to
secs 3. 4. 9 & 10

Then west from

$89^{\circ} 44' W.$ on a true line
bet. secs 4 & 9

12.00 Wash 15 lbs. wide 8 ft. deep drains N.W.

Ridge spur 75 feet high bears N.W.

Hollow 25 ft. deep drains N.W.

Set a sandstone $12 \times 7 \times 7$ ins. 8 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone 2 ft. high $\frac{1}{4}$ in.
W. of cor. Sets impracticable.

A cedar 10 ins. diam bears $21^{\circ} E.$ 96 lbs. chub.
marked $\frac{1}{4}$ S. 9 B. F.

No other trees within limits

42.50 Enter broken flat in hollow drains N.E.

Crown Creek 6 lbs. wide 8 ins. deep runs N.E.

Leave broken flat ascend

Enter scattering cedars

The cor to secs 4. 5. 8 & 9

Land mountainous and broken flat

Soil 3rd rate rocky

Timber some scattering cedars

Mountainous only 76 obs.

$0^{\circ} 03' W$ on a true line
bet. secs. 4 & 5

2.50 Sandstone ledge 60 ft. high bears E. & N.W.

17.50 Hollow 100 ft. deep drains E.

26.50 Ridge spur 200 ft. high bears E.

Additional Subdivision of T. 19 R. 25 E. S. L. M.

Chs	
31.00	Precipitous sandstone ledge 40 ft. deep bears E. & W.
32.00	Head of hollow drains East.
36.50	Ridge spur 100 ft. high bears E.
40.00	Set a sand stone 20 x 14 x 3 ins. 15 ins in the ground for the sec. cor. marked 14 on W. face and raised a stone mound 2 ft. high 1½ ft high W. of cor. Set impracticable.
42.00	Head of hollow drains S.E.
62.00	Ridge spur 300 ft. high bears E.
62.20	Sandstone ledge 30 ft. deep bears E. & W.
81.10	Intersect Salt Lake Base Line 7.50 Chs E. of Standard cor. to secs. 31 & 32 T. 19 R. 25 E. Hematite described. At point of intersection at head of small hollow drain etc. set a quartzite 18 x 10 x 8 ins. 12 ins. in the ground for closing cor. to secs. 4 & 5; marked C. C. on S. with 4 grooves on E. and 2 on W. faces and raised a mound of stone 2 ft. high 1½ ft. high S. of cor. Set impracticable Sand mountainous Soil 4th rate rocky Timber some scattering cedar & Mahogany Mountainous on 8f. 10 Chs.

I begin at the established cor. to secs. 17, 18, 19 & 20 which is a sandstone 14 x 6 x 6 ins. marked and witnessed as described by the Surveyor General and run

N. 89° 46' E. on a random line
between secs. 17 & 20

40.00	Set temp. 14 sec. cor.
80.48	Intersect N. & S. line 16 Chs. N. of cor. to secs. 16, 17, 20 & 21. Then run
	N. 89° 53' W. on a true line

Additional Tabularium of T. 15. R. 25 E. - 7.

obs.

Lat. secos. 17 & 20

- 8.52 Ridge spur 75 ft. high bears N.
27.52 Old road bed S.E. & S.W.
40.25 Set a sandstone 12x8x5 ins. 8 ins. in the
ground for 1/4 sec. cor. marked 4 on W. face
and raised a mound of stone 2 ft. base 1 1/2 ft.
high N. of cor. Sets impractical.
73.52 Ridge spur 50 ft. high bears E.W.
80.48 The cor. to secos. 17.18.19 & 20.
Land heavy rolling.
Soil 2nd rate
ab. timber.

W. O. 04' W. Lat. secos. 17 & 18.

- 8.25 Wash 50 ft. wide 2 ft. deep in bottom of broad
hollow drains abt.
10.25 Around rocky S.E. slope
15.00 Cedar brush
40.05 Set a sandstone 14x10x6 ins. 10 ins. in the
ground for 1/4 sec. cor. marked 4 on W.
face and raised a mound of stone 2 ft. base
1 1/2 ft. high N. of cor. Sets impractical.
72.50 Cedar brush, around some cedars. The 2nd
cor. of wire fence runs E. 2.52 obs.
74.50 Rocky ridge spur 50 ft. high bears E.
76.00 Cedar brush.
Set 55 Set a sandstone 20x10x9 ins. 15 ins. in the
ground for cor. to secos. 7. 8. 17 & 18, marked
4 on S. and 5 on E. edges and raised
a mound of stone 2 ft. base 1 1/2 ft. high N.
of cor. Sets impractical.
Land mostly lightly rolling brush.
Soil 1st and 2nd rate
Timber, cedar on 3. 52 obs.
No metastations on 10. 25 obs.

Additional Subdivision of T. 1 S. R. 25 E. S. L. M.

Ohs.

St. 89° 53' E. on a random line
bet secs. 8 & 17.

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.42 Intersect St. & T. line 18 lbs. N of cor.
to secs. 8-9. 16 & 17.
Then $\frac{1}{4}$ m.
St. 89° 45' W. on a true line
bet secs. 8 & 17
 35.00 Enter broken flat in hollow
 Big Bend of Cross Creek 25 lbs. wide left
deep draws N.E.
 40.21 Sets Foundation 12 x 10 x 5 ins. 8 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone 2 ft deep $\frac{1}{2}$ ft. to
high st. of cor. Sets impracticable
A roller $\frac{1}{2}$ m. 10 ins. diam bears S. 11° 30' E.
230 lbs. dist. marked $\frac{1}{4}$ st. 17 B. T.
No other trees within 100 ft.
 43.00 Wagon road bears N.E. & S.W.
 80.42 The cor to secs 7. 8. 14. & 18
had heavy rolling and successive
T. oil 2nd rate
no timber
Mammal remains on E. 20.00.

August 2nd 1898

West on a random line
between secs. 7 & 18

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
 78.65 Intersect W. Bend of Tp. 17 lbs. N. of cor
established cor. to secs. 7. 12. 13 & 18 which
is a stationary quartzite 2 x 2 x 2 ft. above ground
marked and witnessed as described by the

Additional Subdivision of T. 1 S. R. 25 E. S. L.

Chs

Surveyor General.

Note: As the N. Bdy of sec. 18 bears app to differ in length from the S. Bdy of same more than the allowable limit I now proceed to retrace the N. $\frac{1}{2}$ of the W. Bdy. of this Tp. and find this discrepancy due to an error in the alignment of same. For full notes of said re-tracement see end of this Book.

Then from the cor. above described I run

N. 89° 53' E. on a true line

between secs. 7 & 18

- 31.75 Ridge 500 ft. high bears N. & S.
 36.65 Head of hollow drains S.E.
 38.65 Set a sandstone 35 x 16 x 6 ins., 27 ins. in
 the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on N. face
 from which
 A dead mahogany 5 ins. diam bears S. 11° W.
 17 lbs. dist. marked $\frac{1}{4}$ S. 18 B. T.
 A dead mahogany 6 ins. diam bears N. 15° 45' E.
 55 lbs. dist marked $\frac{1}{4}$ S. 7 B. T.
 40.65 Ridge spur 200 ft. high bears S.E.
 50.50 Hollow 100 ft. deep drains S.
 54.85 Sandstone ledge 20 ft. high bears N. & S.
 61.65 Ridge spur 200 ft. high bears S.
 68.65 Sandstone ledge 15 ft. deep bears N. & S.
 72.15 Sandstone ledge 15 ft. deep bears N. & S.
 The cor. to secs 7. 8. 17 & 18.
 Land mountainous
 Soil 3rd & 4th rate very rocky
 Timber scattering mahogany cedar & pine
 Mountainous on 78.65 Chs.

August 3rd 1898

N. 0° 04' W. bet secs. 7 & 8

24.00 Wash 10 lbs. wide 3 ft. deep drains S.E. in

Additional Subdivision of T. 1 S. R. 25 E. I. G. M.

Ohs.	broad hollow 50 ft. deep, now around along broken E. slope
40.00	Set a sandstone 16 x 10 x 9 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable
44.75	Wash 5 lbs. wide 2 ft. deep drains S. E. in hollow 50 ft. deep.
70.50	Wash 5 lbs. wide 2 ft. deep drains S. E. in hollow 50 ft. deep
80.00	Set a sandstone 18 x 15 x 7 ins. 12 ins. in the ground for cor. to secs. 5. 6. 7 & 8, marked 5 notches on S. & E. edges and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
86.00 24.00	Land rolling and mountainous Soil 3rd rate - rocky No timber Mountainous on abt. 56.00 ohs.

	N. $89^{\circ} 45' E.$ on a random line bet. secs. 5 & 8
40.00	Set temp $\frac{1}{4}$ sec. cor.
80. 30	Intersect N. $45^{\circ} E.$ line 22 lbs. W. of cor. to secs 4. 5. 8 & 9 Thickness 2 mm
	S. $89^{\circ} 54' W.$ on a true line bet. secs. 5 & 8
20.00	Ridge 1000 ft. high bears S. & S.
34. 50	Leave Mahogany
40. 15	Set a sandstone 16 x 14 x 8 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high S. of cor., Pits impracticable.
76. 00	Hollow 25 ft. deep drains S.
80. 30	The cor. to secs. 5. 6. 7 & 8

Additional Subdivision of T. 17 R. 25 E. 92

obs.	<p>Land mountainous Soil 3rd rate - rocky Timber scattering mahogany cedar & pine on E. slopes Mountainous on 80.30 obs.</p>
	<p>N. 89° 53' W. on a random line betw. sec. 6 & 7</p>
40.50	Soil loamy $\frac{1}{4}$ sec. cor.
80.10	Entered N. Boundary of Tp. 17 lbs. N. of cor. to sec. 1. 6. 7 & 12 Thence S. 100' to
	<p>N. 89° 46' E. on a true line bet. sec. 6 & 7.</p>
2000	Ridge 1000 ft. high bears N. & E.
37.50	Bottom 50 ft. deep drains N.E.
40.10	Soil a sandstone 28 x 12 x 8 ins. 21 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ in N. face from which A mahogany 5 ins. diam. bears N. 110° 45' W. 27 lbs. dist. marked $\frac{1}{4}$ S. 6 P.S.T.
	A cedar 10 ins. diam. bears S. 24° 15' E. 8 lbs dist. marked $\frac{1}{4}$ S. 7 P.S.T.
46.50	Ridge open 50 ft. high bears S.E.
49.00	Loose timber
49.80	Limestone ledge 40 ft. deep bears N.W. & S.E.
50.00	Seasonal precipitations E. slopes.
50.10	The cor. to sec. 5. 6. 7 & 8 Land mountainous Soil 4th rate very rocky Timber scattering mahogany cedar & pine on W. 49° obs. Mountainous on 80.10 obs.

Additional Subdivision of T. 1 S. R. 25 E. S. 4. m.

Obs.	
	N. 0°04' W. on a true line Sect. secs. 5 & 6
12.50	E. point of sandstone ledge 50 ft. high on line
30.50	E. point of sandstone ledge 25 ft. high on line
39.50	E. point of sandstone ledge 75 ft. high on line
4000	Set a sandstone 18 x 12 x 8 ins. 12 ins in the ground for 1/4 ac. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Sets impracticable.
81.30	Interest Fall Lake Base Line 4.50 obs E. of the established Standard Cor. to T. 1 st. Rs 24 & 25 E. herefore described At point of intersection set a sandstone 14 x 12 x 10 ins. 10 ins in the ground for dividing cor. to secs. 5 & 6 marked C. C. on S. with 5 grooves on E and 1 on W. faces and raised a mound of stone 2 ft. base 1 1/2 ft. high S. of cor. Sets impracticable Land mountainous Soil 3rd & 4th rate very rocky No timber Mountainous on 81.30 obs.

August 4th 1898.

General Description.

The land embraced in the additional subdivision of this T.p. contains the southwesterly part of a broken Mountain Plateau situated along the Utah-Colorado Boundary with Dot Creek on the South and Green River on the North. The plateau

is traversed by deep and broad & the main one of which is locally known as "Crown's Draw" and drains North into Green River. The bottoms are said to have springs and running water in their bottoms in Spring and early Summer, but at this time I only find running water in Crown Creek in sec. 4 and part of sec. 9 and but two small Spring in sec. 23. and sec. 14 respectively.

The top of the highest ridges and their slopes as a general thing are covered with forests of pine, Mahogany and cedar, slopes grow mahogany and serviceberry bushes and the bottoms furnish splendid grass. The formation is sandstone with no indications of valuable mineral deposits.

I saw no improvements on the land except a piece of fence 2.50 acres long in sec. 17 and am unable to locate the Desert Entries Nos. 18446 & 2145 of Aaron G. Overholt and Edwin P. Horner respectively.

In this connection I wish to make a general statement which applies to the whole tract of country surveyed under contract No. 218 and explains the fact why Desert Entries have been abandoned and ruins of cabins are frequently found. The tract is situated in a singularly isolated place on an average 70 miles North of Ashley Valley in Utah and 70 miles East of Rock Springs in Wyoming by very bad wagon roads impassable in winter. The homes of Utah, Colorado and Wyoming meet close by and the place has for years been a resort for cattle thieves and outlaws from those three states. Under the circumstances cattle for which the country is splendidly adapted became unprofitable and of late years vast herds of sheep have been pastured

Additional Subdivision T. 1. S. R. 25 E. S. L. M.

there on the public domain and that
of course gave the cattlemen with an un-
certain tenure on their lands - the final
quietus. They moved out abandoning their
settlements and Desert Entries.

Adolpho J. Lasson
U. S. Dep. Surveyor

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PAGE

ment of part of the W. Body of T. 1 S. R. 25 E. d. f. 200

obs

Survey commenced August 3rd 1898.

Finding the length of the st. Body of sec.
18 of T. 1 S. R. 25 E. to differ 1.45 chs. in
length from the S. Body of said sec. I retraced
part of the W. Body of the Tp. as follows:

From the established cor. to secs. 7. 12. 13 &
18 heretofore described I ran

North lot. secs 13 & 18

40.16 To a point 73 lms. west of the established
1/4 sec. cor. which is a quartzite 18 x 11 x 7 ins. mark-
ed and witnessed as described by the Surveyor
General

80.20 To a point 145 lms. West of the established
cor. to secs. 13. 18. 19 & 24 which is a quartzite
16 x 10 x 8 ins marked and witnessed as described
by the Surveyor General.
The length of this line is therefore 80.21 chs

I now return to the established cor. to
secs. 7. 12. 13 & 18 heretofore described and run

North lot secs 7 & 12

40.12 To a point 72 lms. E. of the established 1/4 sec.
cor. which is a quartzite 20 x 18 x 4 ins., marked
and witnessed as described by the Surveyor General

80.24 To a point 144 lms. E. of the established cor.
to secs. 1. 6. 7 & 12 heretofore described
The length of this line is therefore 80.25 chs

Continuing from cor last marked I run

Retracement of part of the W. Bdy. of T. 1 S. R. 25 E. L. G.

Chs

North lot secs. 1 & 6.

40.28 To a point 70 lks E. of the established
1/4 sec. cor. which is a quartzite 18x14x10
marked and witnessed by the Surveyor Gen.

51.55 To a point 147 lks East of the established
closing cor. to T. 1 S. R. 24 & 25 E. which is
a quartzite 18x10x6 ins. marked and is
as described by the Surveyor General
The length of this line is therefore 81.56 chs

From these retracements it is apparent
that the W. Boundaries of secs 6, 7 & 18 of
T. 1 S. R. 25 E. has a course of $91^{\circ}02' E.$
which represents the difference in the lengths
of the lines lot secs. 18 & 19 - 7 & 18 - 6 & 7
the W. Bdy. of sec. 6.

August 3rd 1898

Adolphus Jessen
U. S. Dep. Surveyor

90.28

412.8

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

_____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all

those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____, day of _____, 189_____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 10th, 1899

The foregoing field notes of the survey of *the subdivisions of Township
1 South Range 2 S. East of the Salt Lake Grid
Base, Utah*

executed by *Adolphe Jessor* under his contract No. *218*, dated *January 9th, 1897*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob T. B. Yerl
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A-254

No. 313.

FIELD NOTES

OF THE SURVEY OF THE

West Boundary,
North Boundary,
and part of the
East Boundary

of
T. 1 N. R. 24 E.

of the Salt Lake Base & Meridian,
State of Utah

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1897

Survey commenced August 5th, 1895

Survey completed August 11th, 1895

6-161

West Boundary High 5-08-00 1
" " " " 72-00 1

North " " " 6-08-20 1
" " " " 2-08-50 1

East " " " " 14-70 "

NAMES AND DUTIES OF ASSISTANTS.

John F. Kennedy }
Charles Potter } Chairman

Hugh Houghton } Miscellaneous

Hugh Houghton }
D. J. Morgan } Assistant

Frank J. Briggs - Treasurer

A-258

II
1N-24E

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West Polley - high m. Ch. Lk. -	North Polley - high m. Ch. Lk. -	East Polley - high m. Ch. Lk. -
1-00-00r	1-00-00r	23-00r
1-00-00r	1-00-00r	65-86r
76-00r	4-00r	14-50r
1-00-00r	1-00-00r	1-00-00r
71-00r	9-00r	2-08-86
21-00r	59-00r	-14.50r
5-08-00	72-00	
V	V	

Volume

#

R0254

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BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
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18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE,

John Bluhmann

Charles Potter

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

W. N. and fract. E. Bdy T. 1 d. R. 24 E. - W. Bdy T. 1 d. R. 25 E. - W. N. & fract. E. Bdy T. 2 d. R. 24 E. - W. Bdy T. 2 d. R. 25 E. - Fringe W. & E. Bdy T. 3 d. R. 24 E. & L. 24 E.

John Bluhmann, Chainman
Charles Potter, Chainman

Subscribed and sworn to before me this 5th

day of August, 1898



Adolphus Jessen

U. S. Dep. Surveyor

WE,

Hugh Blughart

and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of my skill and ability, in the survey of *W. N. & fract. E. Bdy T. 1 d. R. 24 E. - W. Bdy T. 1 d. R. 25 E. - W. N. & fract. E. Bdy T. 2 d. R. 24 E. - W. Bdy T. 2 d. R. 25 E. - Fringe W. & E. Bdy T. 3 d. R. 24 E. & L. 24 E.*

Hugh Blughart, Moundman

Moundman

Subscribed and sworn to before me this 5th

day of August, 1898



Adolphus Jessen

U. S. Dep. Surveyor

WE,

Hugh Blughart

and

D. J. Maggard

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey of *W. N. & fract. E. Bdy T. 1 d. R. 24 E. - W. Bdy T. 1 d. R. 25 E. - W. N. & fract. E. Bdy T. 2 d. R. 24 E. - W. Bdy T. 2 d. R. 25 E. - Fringe W. & E. Bdy T. 3 d. R. 24 E. & L. 24 E.*

Hugh Blughart, Axman

D. J. Maggard, Axman

Subscribed and sworn to before me this 5th

day of August, 1898



Adolphus Jessen

U. S. Dep. Surveyor

I,

Frank J. Briggs

do

solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of *the W. N. and fract. E. Bdy T. 1 d. R. 24 E. - W. Bdy T. 1 d. R. 25 E. and fract. E. Bdy T. 2 d. R. 24 E. - W. Bdy T. 2 d. R. 25 E. Fringe W. & E. Bdy T. 3 d. R. 24 E. & L. 24 E.*

Frank J. Briggs, Flagman

Subscribed and sworn to before me this 5th

day of August, 1898



Adolphus Jessen

U. S. Dep. Surveyor

West Boundary of T. 1 N. R. 24 E. Salt Lake Mer.

Obs

Survey commenced August 5th 1898
with the instrument described in book "A"

I begin at the established Standard
cor. to T. 1 N. R. 23 & 24 E. on the Salt Lake
Base line which is a sandstone 16 x 12 x 6 ins.
marked and witnessed as described by the
Surveyor General. At said cor. in Lat. $40^{\circ} 46' N.$
Long. $109^{\circ} 16' W.$ at 9 h. 03 m. P.M. L.W.T.
I observe Polaris in accordance with the
Manual of Instructions and mark a point on
the line thus determined on a peg driven
into the ground 5 chs. W. of cor.

Astron. time of obs. Aug. 5th 98 - 9 h. 03 m.
U. C. Polaris Aug. 1st 98 - 16 h. 36^{1/2} m.
Red. to Aug. 5th 15.6 m

U. C. of Polaris Aug. 5th 16 h. 28.3

Hour angle of Polaris at obs. 16 h. 41.7

Subtract from 23 h. 56.

True argument for table II 7 h. 14m

On August 6th 1898 at 7 h. A. M. I lay off the
Azimuth of Polaris $1^{\circ} 32'$ to the west and
mark the true meridian thus determined by a
tack driven into a peg firmly set in the
ground west of the point established last night.
The magnetic bearing of said true meridian
is N. $15^{\circ} 55' W.$ which reduced by the table on
page 100 of the Manual gives the mean mag.
decl. N. $15^{\circ} 49' E.$

Then I made

North lat pos 31 x 36

40.00 Set a sandstone 18 x 10 x 5 ins. 12 ins in the
ground for $\frac{1}{4}$ sec cor., marked $\frac{1}{4}$ on W. face
and raise a mound of stone 2 ft. high $\frac{1}{2}$ ft
high W. of cor. - Pitt impracticable

West Boundary of T. 1 N. R. 24 E. J. L. M.

obs.	
45.00	Ridge spur 300 ft. high bears W.
57.00	Enter broken rocky cove draining W. the so-called "Jackson Draw" which is a mountain valley averaging perhaps $\frac{3}{4}$ mile width running N. & S. about parallel to this line about $\frac{1}{2}$ mile W. of same.
- 80.00	Set a sandstone $18 \times 6 \times 5$ ins. 12 ins. in ground for cor. to secs. 25. 30. 31 & 36; I notch on S. and 5 on E. edges and raised a stone mound 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable. Land high mountainous Soil 3rd rate - rocky No timber Mountainous on 8000 obs.

North lot secs 25 & 30

15.00	Leave cove - ascend - Enter scattering pine and aspen
38.50	Ridge spur 200 ft high bears S. W.
40.00	Falls on stationary sandstone $3\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ft above ground. I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. and mark $\frac{1}{4}$ on W. face from which
	An aspen 8 ins diam. bears S. $70^{\circ} 45' E.$ 70 lbs. dist. marked $\frac{1}{4}$ S. 30 B. T.
	An aspen 4 ins. diam bears S. $74^{\circ} 30' W.$ 45 lbs dist. marked $\frac{1}{4}$ S. 25 B. T. -
	Enter dense aspen
62.50	Leave timber ^{aspen} descend
80.00	Set a sandstone $20 \times 12 \times 6$ ins. 15 ins in the ground for cor. to secs 19. 24. 25 & 30; marked 2 notches on S. and 4 on E. edges; and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.

West Boundary of T. 1 N. R. 24 E. S. L. m

obs. Land mountainous
 Soil 3rd & 4th rate very rocky
 Timber dense aspen on 22.50 obs. scat-
 tering pine and mahogany on 25.00 obs.
 Mountainous on 30.00 obs.

North lat. secs. 19 & 24

Raised

- 6.00 Enter grassy flat in hollow 50 ft. deep
 drains W.
- 10.00 Bear flat - raised
- 35.00 Raised precipitous sandstone banks
 N.E. & S.W.
- 39.50 Ridge upon 150 ft high banks S. W. enter
 scattering pine & aspen
- 40.00 Falls on stationary sandstone 40 x 30 x 6 ins
 above ground. I cut a cross (+) at the
 exact corr. point for $\frac{1}{4}$ sec. corr. and mark
 $\frac{1}{4}$ on W. side
- A pine 8 ins. diam. bears N. 79° 15' E. 25 lbs
 dist. marked $\frac{1}{4}$ S. 19 B. T.
- An aspen 3 ins. diam. bears S. 24° 30' N. 34
 lbs. dist. marked $\frac{1}{4}$ S. 24 B. T.
- 42.0' Raised - bear scattering timber
- 60.00 Broad hollow 75 ft. deep drains S. W.
- 72.00 Ridge upon 250 ft. high banks S. W. enter
 scattering pine and aspen
- 80.00 Set a sandstone 36 x 12 x 8 ins. 27 ins. in the
 ground for corr. to secs 13. 18. 19 & 24; marked
^{16.00}
~~7.00~~
 3 notches on S. & N. edges. and covered a
 mass of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W.
 of corr. Its inoperable.
- An aspen 5 ins. diam. bears N. 10° 30' E.
 50 lbs. dist. marked S. 1 N. R. 24 E. S. 19 B. T.
- An aspen 4 ins. diam. bears N. 50 E. 15 lbs.
 dist. marked S. 1 N. R. 24 E. S. 18 B. T.

West Boundary of T. 1. N. R. 24. E. S. K. M.

Obs.

No other trees within limit
Land mostly rocky slopes
Soil mostly 3rd rate
Timber scattering aspen and pine on 10.0 obs.
Mountainous on 7.600 obs.

August 6th 1898

North lat. secs. 13 & 18

25.00	have scattering timber
30.00	Enter broken hollow drains W.
40.00	Set a sandstone 12 x 10 x 6 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a stone mound 2 ft. base 1 1/4 ft high W. of cor. Site impractical.
53.30	Dry bed of Spring Branch 15 lvs. wide 2 ft. deep drains W. - A small Spring bears E.
25.00	obs. dist.
55.00	have hollow - ascend
80.00	On S.W. point of ridge about 200 ft high set a quartzite 30 x 24 x 20 ins. 22 ins. in the ground for cor to secs. 7. 12. 13 & 18, marked 4 notches on S. and 2 on N. edges and raised a mound of stone 2 ft. base 1 1/4 ft high W. of corner. Site impractical.
	Land mostly rocky slopes
	Soil 3rd rate - rocky.
	Timber scattering aspen and pine on S.
25.00	obs.
	Mountainous on 8000 obs.

North lat. secs. 7 & 12

Obs.

Enter pine ground
have pine ground

West Boundary of T. 1 N. R. 24 E. S. L. M.

obs.

- 4.000 Near head of very rocky hollow draws &
On a solid sandstone ledge I cut a
cor. across (+) at the exact cor. point for $\frac{1}{4}$ sec.
Cor. mark $\frac{1}{4}$ on W. side of same and
raised a mound of stone 3 ft. base 2 ft
high W. of cor. - Pts impracticable.
- 6.6. Flat ridge spur 50 ft. high bears W.
- 6.6.50 Sandstone ledge 30 ft. deep bears E & W.
Descent in aspen thicket
- 7.0. Have aspen
- 7.1.00 Enter level cor. of "Jackson Draw"
drains S. W.
- 8.0.00 Set a sandstone 12 x 10 x 6 ins. 8 ins. in
ground for cor. to secs 1. 6. 7 & 12; marked
5 notches on S. and 1 on N. edges and raised
a mound of stone 2 ft. base $\frac{1}{2}$ ft. high W.
of cor. - Pts impracticable.
- Land mountainous and level
Soil 3rd & 1st rate partly very rocky
Timber pine and aspen on 4.00 obs.
Mountainous on S. 7.1.00 obs.

North of Sect. lines 1 & 6

- 18.00 Have cor. - ascend
- 22.00 S. W. point of rocky ridge 25 ft. high
- 27.00 Enter "Jackson Draw" drains S. 30' W. at
this place
- 4.000 Set a sandstone 16 x 8 x 6 ins. 11 ins. in
a ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on S.
and raised a mound of stone 2 ft.
 $\frac{1}{2}$ ft. high W. of cor. - Pts impracticable.
- 6.8. Have Jackson Draw - descend
- 7.7.00 Enter rocky ledges
- 8.0.00 Set temp. cor. to Twp. 18 2 d. Rgs. 23 &
24 E. until the W. Boundary of T 1 N.
- $\frac{1}{2} 1.00$
 $\frac{1}{2} 5.00$

West Boundary of T. 1 N. R. 24 E. I. H. M.

R. 24 E. can be established
Land mostly level
Soil mostly 1st rate
No timber
Promises on 25.00 acs

August 17th 1898

Permanent corner was established at this point on August 10th. See
Survey of North Boundary.

General Description

For general description of the lands
traversed by this line see end of Sub-
division lines of T. 1 N. R. 24 E.

Adolphus Jensen
U. S. Dep. Surveyor

North Boundary of T. 1 dt. R. 24 E. S. L. M.

obs.

Survey commenced August 7th 1898
with the instrument described in book "A"

At the temp cor. to Tps 1 & 2 at Rs. 23
and 24 East just established in Lat $40^{\circ} 51'$
N. long $109^{\circ} 10'$ W. at 8 h. 32 m. P.M. L.
m. t I observe Polaris in accordance with the
manual of instructions and mark a point
on the line thus determined on a peg driven
the ground 5 chs. N. of cor.

Astronomical time of obs. Aug. 7th 98 = 8 h. 32 m.

H. C. Polaris Aug. 1st 98 = 16 h. 36.9 m

Red. to Aug. 7th 23.5 m

H. C. of Polaris at Aug. 7th 98 = 16 h. 13.4 m

Hour angle of Polaris at obs. = 16 h. 18.6 m

Subtract from 23.5 m

True argument for table II = 7 h. 37 m

On August 8th 1898 at 7 h. A. M. I lay off
the azimuth of Polaris $1^{\circ} 28'$ to the West
and mark the true Meridian thus determined
a tack driven into a peg firmly set in the
mid West of the point established last
night. The magnetic bearing of said
true Meridian is N. $16^{\circ} 05'$ W. which re-
duced by the table on page 100 of the Manual
gives the mean mag. decl. N. $16^{\circ} 0.0'$ E.

Thence I run

East on a random line
along the N. Bdy. of T. 1 dt. R. 24 E.
setting temp. 14 sec. & sec. cor's at inter-
vals of 40.00 chs. and at 480.22 chs. I
the E. Bdy. of this Tp. 11 lbs.
I. of the established cor. to Tps. 1 & 2 N.
Rs. 24 & 25 E. which is a sandstone
 $24 \times 12 \times 6$ ins. firmly set, marked and mit-
tressed as described by the Surveyor General

North Boundary of T. 1 N. R. 24 E. I. H. M.

obs. The falling answers to a correction of $0^{\circ}01'$
or 2 lbs. dist. per mile counting from the NW.
cor. of the Twp. from which I run

$5.89^{\circ}59' W.$

Set sec. 1 & 36

- 13.25 Gully 20 ft deep drains N.
- 20.20 Old Road from Ashley Valley to Browns Park
bears N.E. & S.W.
- 27.50 Dry bed of Tears Creek in broad hollow 30
deep drains. N.E. Along left bank of
Creek bed in scattering cottonwoods
- 31.50 Bear bank and cottonwoods
- 40.00 Set a sandstone 14 x 10 x 6 ins. 9 ins. in the
ground for 1/4 sec. cor. marked 1/4 on N.
and raised a mound of stone 2 ft. base
1 1/2 ft. high N. of cor. It's impracticable
- 60.00 Road bears N.E. & S.W. from Ashley to Browns Park.
- 63.50 Road from Ashley Valley to Jarvis Ferry
bears N.W. & S.E.
- 70.00 Enter scattering cedars.
- 75.00 Gully 20 ft deep drains N.E.
- 80.00 Set a sandstone 18 x 12 x 8 ins. 12 ins. in
ground for cor. to sec. 1. 2. 35 & 36 marked
1 notch on E. and 5 on W. edges and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of
cor. It's impracticable.
- A cedar 10 ins. diam. bears $5.79^{\circ}15' E.$ 15
lbs. dist. marked T. 2 N. R. 24 E. S. 36 B. T.
- A cedar 9 ins. diam. bears $5.71^{\circ}30' E.$ 52 lbs.
dist. marked T. 1 N. R. 24 E. S. 1 B. T.
- A cedar 12 ins. diam. bears $5.64^{\circ}15' W.$ 10 lbs.
dist mark T. 1 N. R. 24 E. S. 2 B. T.
- No other trees within limit.
- Land heavy rolling foothills
- Fir 3rd rate - rocky
- Timber scattering cedar on W. 20 obs.
- Mountainous on 80 obs.

North Boundary of T. 1 S. R. 24 E. I. G. M.

obs.

S. 89° 59' W.
Lat. sec. 2 & 35.

- 1.00 Gulch 50 ft deep. drains N.E.
21.00 Gulch 20 ft. deep drains N.
35. Gulch 20 ft. deep drains N.E.
40.00 Set a sandstone 16 x 14 x 10 ins. 11 ins in
the ground for sec. cor. marked $\frac{1}{4}$ on N. face
from which
A pine 15 ins. diam. bears S. 4° E. 25 lbs.
dist marked $\frac{1}{4}$ S. 2 B.T.
A pine 15 ins. diam. bears N. 34° 30' W. 50 lbs
dist. marked $\frac{1}{4}$ S. 35 B.T.
79. Gulch 10 ft deep drains N.E.
80.00 Set a sandstone 18 x 14 x 5 ins. 12 ins. in
the ground for cor. to secs. 2. 3. 34 & 35 marked
2 notches on E. and 4 on W. edges
from which
A cedar 7 ins. diam bears S. 87° 45' E. 64
lb. dist marked T. 1 N. R. 24 E. S. 2 B.T.
A pine 7 ins. diam bears S. 9° 15' W. 9 lbs. dist.
id. T. 1 N. R. 24 E. S. 3 B.T.
A pine 8 ins. diam. bears N. 44° 30' W. 57 lbs
dist. marked T. 2 N. R. 24 E. S. 34 B.T.
A pine 4 ins. diam bears N. 33° 30' E. 28 lb
dist. marked T. 2 N. R. 24 E. S. 35 B.T.
Sand broken cedar ridges
Soil 4th rate - very rocky
Timber piñon pine and cedar in patches
Mountainous on S. 80.00 obs.

August 9th 1898

S. 89° 59' W.
Lat. sec. 3 & 34

- 1000 Ridge spur. 50 ft. high bears N.

North Boundary of T. 1 N. R. 24 E. S. 4. M.

10

- 2000 Head of gulch drains off second
4. Set a sandstone 14 x 10 x 8 ins. 10 ins in
the ground for 1/4 sec. cor. marked 1/4 on N.
from which

A piñon 8 ins. diam. bears S. 56° 15' W. 23 lbs
dist. marked 1/4 S. 3 B. T.

A piñon 6 ins. diam. bears N. 56° 15' W. 15 lbs.
dist mark 1/4 S. 34 B. T.

60. Enter flat top of Mountain 1500 ft. above
Green River

Falls on stationary sandstone 4 x 3 x 2 1/2 ft.
above ground. I cut a cross(+) at the exact
cor. point for cor. to secs. 3. 14. 33 & 34
and marked 3 notches on E. & W. edges
from which

A piñon 8 ins. diam. bears S. 48° E. 25 lbs.
dist. marked T. 1 N. R. 24 E. S. 3 B. T.

a cedar 5 ins. diam. bears N. 53° E. 5 lbs.
dist. marked T. 2 N. R. 24 E. S. 34 B. T.

A cedar 10 ins. diam. bears N. 14° 45' W. 32
lbs. dist. marked T. 2 N. R. 24 E. S. 33 B. T.

A cedar 10 ins. diam. bears S. 18° 40' W. 30 lbs
dist marked T. 1 N. R. 24 E. S. 4 B. T.

Gaud rocky step, sloped

Soil 4th rate very rocky

Timber piñon and cedar on 8000 cfs
Mountains on 80.00 cfs.

S. 89° 59' W.

bet secs. 4 & 33.

18. Second precipitous sandstone ledges
29. Toliver Creek 3 lbs. wide 3 ins. depressions
in Canon 500 ft deep.

29. Second precipitous sandstone ledges

- 4000 Falls on stationary sandstone 3 x 2 x 1 1/2

North Boundary of T. 1 N. R. 24 E. S. 4. m.

obs above ground S. 21° E. 1.50 chs. from the E. point of a ledge 50 ft. high. I cut a cross at the exact cor. point and marked $\frac{1}{4}$ on side from which

A piñon 4 ins. diam. bears S. $64^{\circ} 15' W.$ 17' s. dist marked $\frac{1}{4}$ S. 4 B. T.

A piñon 8 ins. diam. bears N. $65^{\circ} 30' E.$ 42' dist marked $\frac{1}{4}$ S. 33 B. T.

56. Top of Cañon breaks now along S. slope of broken plateau

71.00 Depression drains S. - leaves timber

80.00 Set a quartzite 16 x 10 x 5 ins. 11 ins in the for cor. to secs. 4. 5. 32 & 33, 4 notches on E. and 2 on W. edges and a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable

Land mostly broken sandstone ledges
Soil 4th rate.

Timber piñon and cedar on E. 71.00 obs.

Mountainous on 80.00 obs.

S. $89^{\circ} 59' W.$
bet secs. 5 & 32

Ascend on S. slope

33.00 Watershed on plateau 75 ft. high bears N. & S. Now gradual descent

40.00 Set a quartzite 16 x 8 x 6 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable

Set a sandstone 18 x 8 x 5 ins. 12 ins. in the ground for cor. to secs. 5. 6. 31 & 32, ad 5 notches on E. and 1 on W. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable
Land high broken plateau

North Boundary T. 1 N. R. 24 E. S. L. M.

Soil 3rd rate - rocky.
No timber
Mountainous on 8000 ft.

S. 89° 59' W.

Lat sec. 6 x 31

- 36.00 Small spring bears S. 100-ches. dist.
40.00 Set a sandstone 16 x 7 x 6 ins. 11 ins. in the ground
for 1/4 sec. cor. marked 1/4 on N. face and on S.
a mound of stone 2 ft base 1 1/2 ft. high S. of
cor. Sets impractical.
60.00 Bottom of broad hollow 75 ft deep drains S. W.
Jackson Draw
80.20 The temp. cor. to Tps. 1 & 2 of R's 23 & 24 E
which I perpetuate by setting a sandstone
26 x 12 x 10 ins. 17 ins. in the ground for cor. to
Tps. 1 & 2 of R's 23 & 24 E. marked, 6 notches
on each edge. and raised a
mound of stone 3 1/2 ft base 2 1/2 ft. high
S. of cor. - Sets impractical
Land mostly broken slopes
Soil 3rd rate - rocky
No timber
Mountainous on 80.20 chs

August 10th 1898

General Description.

For general description of the lands bounded
by this line see end of Subdivision lines of
T. 1 N. R. 24 E.

Adolphe Jaccard
U. S. Dep Surveyor

Part of the East Boundary of T. 14 R. 22 E. 2114

do.

Survey commenced August 10th 1898

I began at the established station do
to sec. 7, 12, 13 & 18 on E. side of Sec. 6, 22d
L. which is a limestone 132.97' from ground
at marked and estimated as bounded by
the Surveyor General, at said cor. on Sec.
40+49' it. Long. 109° 29' W. at 9 h. 20m
P.M. I set 1. S. Polar in accordance
with the Manual of instruction and made a pit
in the limestone determined on a plumb bob
into the ground at do. st. of cor.

Altitude of do. August 10th 1898. 9 h. 20m
H. C. Polar Aug 10th 1898 10 h. 15m
Red to Aug 11th 35°

H. C. of Polar Aug 10th 1898. 10 h. 20m
True angle of Polar at do. 17° 22' -
Tilted from 5° - 5°
True argument of latitude 6 h. 33.5m

On August 11th 1898 at 7 a.m. I lay off
the azimuth of Polar 11° 35' to the West
and mark the Meridian thus established by
a tack driven into a plow furrow set in the
ground. Rest of the point established last night
the magnetic bearing of said true Meridian
is N. 56° 57' W. which reduced by the table
on page 40 of the Manual gives the mean
mag. decl. at 15° 15' 2" E.

There I run

North in a line
Lat sec. 13 & 18

Second

L. S. E. Line 400 feet - It is limestone
12x5x5 ins. stone in the ground for cor to
sec. 7, 12, 13 & 18 marked 2 inches on st.
and 4 on Surveyor, and raised a mound

Part of East Boundary T. 1 S. R. 26 E. S. 2

obs of stone 2 ft base 1 $\frac{1}{2}$ ft high W. of cor
It's impracticable
Find rocky slope
Soil 4 ft. late rocky
Timber a few pines and some Mahogany brush
Moundaceous on 23.00 obs.

From the cor. to secs. 7, 12, 13, 8, 18
I run

North on a random line
on E. Ridge of T. 1 S. R. 24 E.
to the established cor. to Tps. 1 & 2 W. Rs. 24 &
25 E. hereupon described cutting temporary
 $\frac{1}{4}$ sec. cor. at intervals of 40.00 obs.
I intersect at cor to Tps. 5 & 2 W. Rs. 24 &
25 E. and find the line to be 160.36 obs.
long.

Thereon from the said cor. to Tps. 1 & 2 W.
Rs. 24 & 25 E. I run.

South on a true line
bet secs. 1 & 6

- | | |
|-------|---|
| 14.50 | Enter rock breaks and cedar's ascend. |
| 40.36 | Find the established $\frac{1}{4}$ sec. cor. which
is a Sandstone $1\frac{1}{2} \times 9 \times 4$ ins. marked and
referred as described by the Surveyor General |
| 45.00 | Summit of sandstone top, then st. E. & 40.00.
Present |
| 70.00 | lowest depression in rock breaks ascend. |
| 87.36 | Set a sandstone 36 x 24 x 6 ins. 27 ins. in the
ground for cor. to secs. 1, 6, 7 & 12 marked
1 notch on st. and 5 on ledge from which
A cedar 16 ins. diam base 9.65-30' W. 40.00
dist. marked T. 1 S. R. 24 E. 7.12 P. T
A cedar 16 ins. diam base 9.44-15' E. 25.00. |

Part of the East Boundary of T. 1 N. R. 24 E. S. L. M.

- obs. dist. marked T. 1 N. R. 25 E. S. 7 B.T.
A cedar 14 ins. diam. bears N. 61° E. 32 lbs
dist. marked T. 1 N. R. 25 E S. 6 B.T.
A cedar 10 ins. diam. bears N. 52° 30' W. 45
dist. marked T. 1 N. R. 24 E S. 1 B.T.
Land mostly sandstone ledges
Soil 4th date mostly rocks.
Timber cedar & piñon on S. 65.86 obs.
Mountainous on S. 65.86 obs.

South on a true line
Lat. sec. 7 & 12

Second rockbreaks

- 28.00 Enter rocky plateau spur 1000 ft. above
Green River bears E. - slight descent
40.00 Falls on solid sandstone ledge. I cut a
(+) at the exact cor. point for 1/4 sec. cor. and
mark 1/4 W. of cross from which
A cedar 7 ins. diam. bears N. 67° W. 52 lbs
dist. marked 1/4 S. 12 B.T.
A cedar 4 ins. diam. bears N. 57° 15' E.
27 lbs. dist. marked 1/4 S. 7 B.T.
57. Broad hollow 75 ft. deep drains S. E.
59.00 Ridge spur 250 ft. above gulch bears E.
- 60.00 The cor. to secs 7. 12. 13 & 18
Land mostly sandstone broken
Soil 4th date rock.
Timber piñon and cedar on N. 1/2 grade
changing to scattering and very sparse
Mountainous on 8000 obs.

August 11th 1898

Part of the East Boundary of T. 1 N. R. 24 E. 9th

General Description

For General Description of the lands
traversed by this line see end of field
of Subdivision lines of T. 1 N. R. 24 E.

Adolphus J. Jensen
U. S. Dep. Surveyor

Boundaries of Tp. 1 N. R. 24 E.

Lines design'd	True Bearing ^D deg. min. sec.	Latitude N. or S.	Departure E. or W.	Distance cts. cts. cts.
Salt Lake Base East	480.00			480.
E. Bay T. 1 N. R. 24 E. North	480.06	480.36		
N. Bay T. 1 N. R. 24 E. South	489.59	480.20	0.11	480.205
W. Bay T. 1 N. R. 24 E. South	480.00		480.00	
Commgency				0.63
	480.3	480.11	480.00	480.83
		480.11		
Error in Lat.	.25			4.10
Error in Departure				<u>0.83</u>

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

Peter Ellerbeck, Chainman.

C. Parker Fisher, Chainman.

Hugh Ellerbeck, Moundman.

_____, Moundman.

Hugh Ellerbeck, Axman.

D. S. Maxwell, Axman.

Frank J. Brooks, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from the United States Surveyor General for surveying a tract of land in the State of Illinois, bearing date of 1891, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for 1891, and the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of,

the tract of land hereinabove mentioned, in the township of of, which was represented in the foregoing field notes as having been surveyed by me, and under my direction, and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for 1891, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such surveys and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 2, 1866.

United States Deputy Surveyor

Subscribed by said United States Deputy Surveyor, and sworn to before me,

this 1891 day of August, 1891.

600000
600000
600000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Philadelphia, Pa. December 2, 1891
The foregoing field notes of the survey of the New District East
Precinct of French's Mill Range 2d, East of the
Calk Lake Branch, Wisconsin, 7th dist.

executed by United States Deputy Surveyor, under his contract No. 205, dated September 9, 1891, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

James J. Bla
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in United States Deputy Surveyor, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A-254

J.W.J.B.

FIELD NOTES

OF THE SURVEY OF THE

*Additional Subdivision**f**Township 1 North**Range 24 East*

Of the *Salt Lake Base Meridian,*
State of Utah

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,Under his Contract No. 218, dated November 9th, 1897Survey commenced August 12th, 1898Survey completed August 23rd, 1898

6-151

*Scale 1:64000
1 mile = 6400 feet*

L. M. J. B. - 1898

NAMES AND DUTIES OF ASSISTANTS.

John Finkham }
Charles Potter } Chairman

Hugh Houghton } Warden
T. J. Morgan

Hugh Houghton } Assessor
T. J. Morgan

Frank J. Briggs } Registrator
For preliminary affidavits see book "A"

BOOK A-254

INDEX DIAGRAM.

Township _____; *Range* _____

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20	29	28	27	26	25
21	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE,

do solemnly swear that we will well and faithfully execute the duties of Assistant that we will travel

chain over even and uneven ground, and plumb the tally pins, either by stretching or suspending them so that we will report the true distances to all notable objects and the true length of all lines that we will measuring, to the best of our skill and ability, and to correlate with features in the object as to the accuracy

F. H. Jackson

J. W. Thompson

Subscribed and sworn to before me this

day of

, 189

RECORDED
P. M.
SEARCHED

WE,

do solemnly swear that we will well and truly perform the duties of Assistant that we will run the corners according to the best knowledge given us, and that we will not fail to do the duty

J. W. Jackson

J. W. Thompson

Subscribed and sworn to before me this

day of

, 189

RECORDED
P. M.
SEARCHED

WE,

do solemnly swear that we will well and truly perform the duties of Assistant that we will run the corners and other duties according to instructions given us, to the best of my skill and ability, in the manner

J. W. Jackson

J. W. Thompson

Subscribed and sworn to before me this

day of

, 189

RECORDED
P. M.
SEARCHED

I, , do solemnly swear that I will well and truly perform the duties of Bagman according to instructions given me, to the best of my skill and ability, in survey of ,

F. H. Jackson

Subscribed and sworn to before me this, ,

day of , 189

RECORDED
P. M.
SEARCHED

Additional Subdivision of S. 1/4 R. 24 E. S. L. M.

Touring commenced August 12th 1898
with the instrument described in book "A"

I begin at the established cor. to secs. 11 & 12.
13 & 14 T. 1 N. R. 24 E. which is a stationary
sandstone 10x6x3 ft above ground marked and
written as described by the Surveyor General.
At said cor. in Lat. $40^{\circ} 50'$ N. Long. $109^{\circ} 10'$ W.
at 10 h. 45 m. P.M. I observe Polaris at
eastern elongation in accordance with instructions
in the manual and mark a point on the
line thus determined on a peg driven into
the ground 5 ohs. N. of cor.

August 13th 1898 At 7 A.M. I lay off
the azimuth of Polaris $10^{\circ} 38'$ to the west and
mark the true Meridian thus determined by
a tack driven into a peg firmly set in
the ground west of the point established
last night. The magnetic bearing of
said true meridian is st. $10^{\circ} 59'$ W. which
reduced by the table on page 100 of the
manual gives the mean mag. decl. N. 15°
 $53'$ E.

Then I run

N. $0^{\circ} 01'$ W. but sec 11 & 12

Descent

- | | |
|-------|--|
| 37.00 | Foot of my steep N.W. slope, the descent
becomes more gradual. |
| 40.00 | Falls on stationary sandstone 3x2x1 ft. above
ground. I cut a cross (+) at the exact cor. point
and mark $\frac{1}{4}$ on W. face. from which
A pinion 13 ins. diam bears N. 6° E. 79 lbs.
dist. marked $\frac{1}{4}$ S. 12 B. T. |
| | A pinion 10 ins. diam bears N. 23° W. 75 lbs.
dist. marked $\frac{1}{4}$ S. 11 B. T. |
| 74.50 | Falls Creek 6 lbs. wide 6 in. deep runs N.E.
in Falls Canyon 100 ft deep - Occurred |

Additional Subdivision of T. 1 N. R. 24 E. S. L.

Obs.

80.00 Set a sandstone 16 x 12 x 10 ins. 11 ins. in the
mid. for cor. to secs. 12. 11 & 12, marked.
5 notches on S. and 1 on E. edges from which

A cedar 12 ins. diam. bears S. 41° 15' W. 25 lbs.
dist. marked T. 1 N. R. 24 E. S. 11 B. T.

A cedar 12 ins. diam bears N. 88° 10' W. 45 lbs.
dist marked T. 1 N. R. 24 E. S. 2 B. T.

A cedar 12 ins. diam bears S. 25° 15' E. 77 lbs.
dist. marked T. 1 N. R. 24 E. S. 12 B. T.

A cedar 10 ins. diam bears N. 10° 45' E. 34 lbs.
dist marked T. 1 N. R. 24 E. S. 1 B. T.

Land broken slopes

Fair 4th rate rocky.

Timber patches of pine & cedar and some
Mahogany brush.

Munitionous on 80.00 obs

East on a random line

Set secs. 1 & 12

40.00 Set temp 1/4 sec cor.

80.10 Intersect E. Body of Tp. at cor. to 1. 6. 7 &
12 - Then I run

West on a true line

Set. secs. 1 & 12

Ascent

38 Top of E. rim of high broken Plateau 1000 ft
above Green River - more gradual descent.

40.0 Set a sandstone 20 x 14 x 3 ins. 15 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W.
face - from which

A piñon 12 ins. diam. bears S. 67° 15' E. 30 lbs.
dist. marked 1/4 S. 12 B. T.

A piñon 10 ins. diam. bears N. 6° W. 14 lbs.
dist. marked 1/4 S. 1 B. T.

43.00 Sears Creek 6 lbs. wide 6 ins. deep runs N.E.
in Tarn. Canyon 100 ft. deep - Ascent

Additional Subdivision of T. 10 N. R. 24 E. S. d. m.

obs.

- 80.10 The cor. to secs. 1. 2. 11 & 12.
land broken slopes.
Soil 4th rate. rocky.
Timber piñon and cedar on 80.10 obs.
Mountainous on 80.10 obs.

N. 0°01' W. on a random line
bet. secs. 1 & 2.

- 40.00 Ist tang. $\frac{1}{4}$ sec. cor.
80.00 Intercept N. Edge of Tp. at cor. to secs.
1. 2. 35 & 36 Mountain described
Thinner & more

S. 0°01' E in a true line
bet. secs. 1 & 2

- Ascent broken cedar ridges
18.00 Brush 50 ft deep drains N.E.
27.00 Road from Ashley to Brown Park bears
N.E. & S.W.
34.00 Ravine 25 ft deep drains N.E.
40.00 Falls on solid sandstone ledge. I cut a
cross(+) at the exact cor. point for $\frac{1}{4}$ sec. cor.
and mark $\frac{1}{4}$ on W. side of ravine.
from which
A piñon 12 ins. diam. bears. N. 17° 30' E.
18 lms. dist. marked $\frac{1}{4}$ S. 1 B. F.
A piñon 6 ins. diam. bears. N. 70° W. 25
lms. dist. marked $\frac{1}{4}$ S. 2 B. F.
47.00 Ascent sandstone ledge 50 ft. high bears
E. x W.
49.70 Top of sandstone ledge
80.00 The cor. to secs 1. 2. 11 & 12.
land broken cedar ridges
Soil 4th rate. rocky
Timber cedar & piñon on 80.00 obs

Additional Subdivision of S. 1 W. R. 24 E. T.

obs Mountains on 80.00 obs

I begin at the established cor. to
14. 15. 22 & 23 S. 1 W. R. 24 E. which is a
sharpened pine post firmly set marked and
witnessed as described by the Surveyor General
At said cor. in Lat. $40^{\circ} 49'$ N. Long $109^{\circ} 11'$
W. at 9 h. 56 m. P.M. l.m.t. I observe
Polaris at eastern elongation in accordance
with instructions in the manual and mark
a point on the line thus determined on a plug
driven into the ground 5 chs. N. of cor

August 13th 1898.

August 14th 1898 At 7 A. M. I lay off
the azimuth of Polaris $1038'$ to the west
mark the true Meridian thus determined
a tack driven into a plug firmly set in
the ground west of the point established
last night - The magnetic bearing of
said true Meridian is N. $150^{\circ} 59'$ W. which
reduced by the table on page 100 of the
gives the mean mag. decl. N. $150^{\circ} 53'$ E.

Then I run

N. $0^{\circ} 02'$ W. bet secs 14 & 15

Along broken E. slope

4000 ft a sandstone 18 x 10 x 6 ins. 14 ins. in the
wd for 1/4 sec. cor. marked 1/4 on W. face
and raised a stone mound 2 ft. base 1 1/2
ins. W. of cor. Posts impractical.

Set a quartzite 20 x 10 x 8 ins. 15 ins. in the
" wd for cor to secs. 10. 11. 14 & 15 marked
4 notches on 1 and 2 on E. edges and
a stone mound 2 ft. base 1 1/2 ft. high W. of
cor. Posts impractical.

Sand steep and broken E. slope

Additional Subdivision of T. 1 N. R. 24 E. S. U. M.

Obs. Soil 4th rate rocky.
Timber scattering piñon and mesquay
on N. Ex.
Mountainous on 80.00 obs.

N. 89° 40' E. on a random line
bet secs. 11 & 14

- 40.00 Int. temp 14 sec. cor.
80.12 Intercept N. & S. line 28 lks. S. of the
cor. to secs. 11, 12, 13 & 14 which is a stationary
stone 10 x 6 x 3 ft above ground marked and written
as described by the Surveyor General
Roma I. m.m.
- N. 89° 52' W. on a true line
bet. secs. 11 & 14

- 25.50 Second precipitation ledges into Tears Creek
40.06 Falls on solid sandstone ledge. I cut a cross
(+) at the exact cor. point for 1/4 sec. cor. and
mark 1/4 on W. side of same from which
A pine 4 ins. diam bears S. 9° 30' W. 66 lfs.
dist. marked 1/4 S. 14 B. T.
A pine 6 ins. diam bears N. 12° W. 39 lfs
dist. marked 1/4 S. 11 B. T.
49.5 Road between Ashley and Brown's
Park bears N. & S.
50.3 Tears Creek 4 lks wide 4 ins. deep runs N.
in bottom of Tears Canyon 1000 ft. below
top of plateau.
55.3 Sandstone cliff 50 ft high bears N. & S.
70. Sandstone cliff 25 ft high bears N. & S.
80.12 The cor. to secs. 10, 11, 14 & 15
Found mostly broken sandstone ledges
Soil 4th rate - very rocky.
Timber scattering cedar & pine
Mountainous on 80.12 obs.

Additional Subdivision of T. 1 N. R. 24 E. 9

obs.

W. 0°02' W. lat. secs 10 & 11

Described

- 18.00 Gulch 50 ft. deep drains E.
 37. Top of S. slope now on gentle N. slope
 4. Set a sandstone 15x9x7 ins. 10 ins. in
 and for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 from which

A Mahogany 5 ins. diam. bears W. 58 lbs
 distant marked $\frac{1}{4}$ S. 10 B.T.

A pine 5 ins. diam. bears S. 7°15'E. 38 lbs.
 dist. marked $\frac{1}{4}$ S. 11 B.T.

At N.E. edge of plateau set a sand-
 stone 14x8x5 ins. 9 ins. in the ground for cor.
 secs. 2. 3. 10 & 11 marked 5 notches on S.
 and 2 on E. edges and raised a mound of
 stones 2 ft. base 1½ ft. high W. of cor. Sets
 impracticable -

A pine 6 ins. diam. bears S. 18°15'E. 84 lbs.
 dist marked T. 1 N. R. 24 E. S. 11 B.T.

A pine 5 ins. diam. bears W. 69°15'W. 30 lbs.
 dist. marked T. 1 N. R. 24 E. S. 3 B.T.

No other trees within limits.

Land broken slopes.

Foul 3rd rate rocky

Timber scattering Mahogany pine & cedar
 Montaneous on 80,000 obs.

S. 89°52'E. on a random line
 lat. secs. 2 & 11

40.00 Set temp $\frac{1}{4}$ sec. cor.

79.64 Intercept at S. S. line 19 lbs. S. of cor. to secs.
 1. 2. 11 & 12

Three 3 mds

Additional Subdivision of T. 1 N R. 24 E. S. K. M.

Chs.	West on tree line Lat. sec. 2 & 11
22.25	Road from Ashley to Browns Park bears N. 8° S.
39.82	Set a sandstone 14 x 7 x 6 ins. grain in the for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face from which A cedar 10 ins. diam. bears N. 26° W. 30 lbs. dist. marked $\frac{1}{4}$ S. 2 B. T.
	A cedar 10 ins. diam. bears S. 22° W. 22 lbs. dist. marked $\frac{1}{4}$ S. 11 B. T.
79.6	The cor. to secs. 2. 3. 10 & 11 Lined cedar ridges Soil 4 to 6 in - rocky Timber pine & cedar on 79.64 Chs. Mimintown on 79.64 Chs.

	N. 0°02' W. in a sandstone line Lat. sec. 2 & 3.
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.16	Intersect at. Bdy. of Tp. 20 lbs. E. of cor. to secs 2. 3. 34 & 35 but not previously described. Thence S 22° E.
	S. 0° 11' E. in a tree line Lat. sec. 2 & 3
0.30	Gully 15 ft. wide 5 ft. deep draws N.E.
10.50	Large cedar
13.50	Small Spring bears. N. 90 lbs.
14.50	Enter cedar
24.50	Ridge over 20 ft. high bears E.
29.00	Gully 20 ft. deep draws E. second
38.00	Ridge over 100 ft. high bears E.
40.00	Falls on solid sandstone ridge. I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. & mark $\frac{1}{4}$ on N. side of said

Additional Subdivision of T. 1 N. R. 24 E. S. K. M.

etc. from which

A piston 10 ins. diam. bears N. 21° W. 14 lbs.
dist. marked $\frac{1}{4}$ I. 3 B. T.

A piston 8 ins. diam. bears N. 52° E. 37 lbs.
dist. marked $\frac{1}{4}$ I. 2 B. T.

Gulch 25 ft deep drains E.

Ridge 57 ft. high bears E.

Gulch 100 ft. deep drains E. second
the corr. to secs. 2. 3. 10 & 11

Land broken ridges

Soil 3rd & 4th rate rocky

Timber Pine and cedars on 70.16 obs.

Moorish stones on 80.16 obs.

I begin at the established corr. to secs
33 & 34 on the East Lake Base line coincident with
the F. Bdy. of thin top - which a charred arque
post firmly set marked and witnessed. as
described by the Surveyor General. -

At said corr. in Lat. $40^{\circ}46'$ N. Long $109^{\circ}12'$
W. at 9 h. 52 m. P.M. L.M. on Aug 14th 1898
I observe Polaris at eastern elongation
in accordance with instructions in the Manual
and mark a point on the line thus determined
and on a peg driven into the ground 5 lbs
wt. of corr.

August 14th 1898.

August 15th 1898 At 7 h. a.m. I lay
off the azimuth of Polaris $1^{\circ}38'$ to the west
and mark the true meridian thus established
by a tick driven into a peg firmly set in
the ground west of the point established last
night - The magnetic bearing of said true
meridian is at $15^{\circ}55'$ W. which reduced
by the table on page 100 in the Manual gives
the mean mag. decl. at $15^{\circ}49'$ E

Additional Subdivision T. 1 N. R. 24 E. ~~Sec. 34~~

Chs

Third I run

N. 8° 02' W. lot acc. 33 x 34

Second

- 8.00 Enter low pass in dividing ridge which bears N. 10° E. and S. 10° W.
 Road bears E. & W. - ascend precipitous & steep
 Along W. slope of dividing ridge
 Set a quartzite 20 x 9 x 8 ins. 15 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high
 W. of cor. Pits impracticable
 Ridge spur 200 ft. high. bears N.
 Set a quartzite 20 x 10 x 9 ins. 15 ins. in the
 ground for cor to secs. 27. 28. 33 x 34, marked
 1 notch on S. and 3 on E. edges and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.
 of cor. - Pits impracticable
 Land broken slopes
 Soil 3rd & 4th rate rocky.
 Timber some Mahogany and service berry
 brush and some scattering aspen
 Mountainous on 80.00 Chs.

East on a random line

lot. accs. 27 x 34

- 40.00 Made diligent search for $\frac{1}{4}$ sec. cor
 established in previous survey but fail to find
 it - Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line at the established
 cor. to accs. 26. 27. 34 x 35 which is a quartzite
 20 x 14 x 7 ins. firmly set, marked and rot-
 uled as described by the Surveyor General
 Third I run

Additional Subdivision of S. 1 of R. 24 E. T. 41

Obs.

West on a true line
but sec. 27 & 34

5.10 Arcued

4000' Soil a quartzite 22 x 17 x 14 ins. 16 ins. in
the ground for the sec. cor. marked 1/4 on W. face
and raised a mound of stone 2 ft. base 1 1/2 ft.
high N. of cor. Pits impracticable.

50.00 Sandstone cliff 25 ft. high bears N.E. & S.W.

52.00 Ridge 50 ft. high bears N.E. & S.W. Second
bottom of very steep S. slopes - worn along
broken N.W. slopes

58.00 The cor. to secs. 27. 28. 33 & 34
Good broken slopes

Soil 3rd rate, rocky.

Timber some Mahogany branch
Marmotaneous on 3000' abs

W. 0° 02' N. but secs. 27 & 28

Arcued

20.50 Bottom of broad hollow 50 ft. deep drains
W. - Arcued

40.00 Soil a sandstone 18 x 16 x 4 ins. 12 ins. in the
ground for the sec. cor. marked 1/4 on W. face
and raised a mound of stone 2 ft. base 1 1/2 ft.
high N. of cor. Pits impracticable.

52.25 Ridge spur 250 ft. high bears S.W.

60.00 Head of gulch drains S. W.

80.00 Soil a sandstone 26 x 14 x 5 ins. 19 ins. in the
ground for cor. to secs. 21. 22. 27 & 28; marked
2 notches on S. and 3 on E. edges and raised
a mound of stone 2 ft. base 1 1/2 ft. high W.
of cor. Pits impracticable

Good recently broken slopes

Soil 3rd rate - rocky.

Additional Subdivision of T. 1 N R. 24 E. S.L.M.

obs. Timber some scattering aspen and mahogany and serviceberry bush, a few cedars
Mountainous on 80.00 obs

East on a sandstone
but sec 22 & 27

40.00 The established $\frac{1}{4}$ ac. cor which is a
charred aspen post firmly set marked and
written as described by the Surveyor
real

Three 3 mm

West on a true line
but sec 22 & 27

Second

18.00 Ridge 500 ft. high bears S.W. & N.
- 40.00 The cor. to sec. 21. 22. 27 & 28
hard broken slopes
Soil 3rd rate - rocky
No timber
Mountainous on 40.00 obs.

August 15th 1898

N. 0°02' W. but sec. 21 & 22

7.00 Ridge spur 300 ft. high bears W. - snow
along N.W. slope
21. 40 Sandstone ledge 20 ft. deep bears E & W.
descend in burnt timber
40.00 Set a sandstone 16 x 10 x 6 ins. 10 ins. in
the ad for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face
which

A pine 14 ins. diam bears N. 25°30' E. 9 ins.
dist. marked $\frac{1}{4}$ S. 22 B. F.

Additional Subdivision of T. 1 dt. R. 24 E. S. L.

obs	A pine 16 ins. diam. base S. 116°50' W. 30 lbs. marked $\frac{1}{4}$ sec. 21 B.T.
44.00	have timber
62.00	Gulch 100 ft. deep drains W.
69.00	Second step S. slope
75.50	Cliff 20 ft high bears E & S.
80.00	Set a quartzite 30 x 10 x 7 ins. 23 ins. in the ground for cor. to secs 15. 16. 21 & 22; marked $\frac{1}{4}$ N on N.E. - 24 E. on S.E. faces and 3 notches on S. and E. edges and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable.
	Land mostly broken slopes Soil 3rd rate - rocky Timber pine (mostly burnt) on 17. 60 obs Mountainous on 8000 obs

East on a road line
but secs 15 & 22

40.00	Set fence $\frac{1}{4}$ sec. dr.
80.22	Intersect N. & S. line 22 lbs. S. of the established cor. to secs 14. 15. 22 & 23, huts- for described
	Thence S. run S. 89° 51' W. on a true line but secs. 15 & 22
	Second
39.00	Intersection of dividing ridge 800 ft. high bears N. & S. descent
40.11	Set a sandstone 24 x 16 x 4 ins. 18 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft high W. of cor. Pits impracticable.
80.22	The cor. to secs 15. 16. 21 & 22

Additional Subdivision of T. 1 N. R. 24 E. S. 4. m

obs.	Land steep broken slopes Soil 4 th rate - rocky. No timber. Mountainous on 80. <u>22</u> obs.
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N. 0° 02' W. lat. sec. 15 x 16

	Along rocky S.W. slope Ascend
1500	Ridge open 400 ft. high bears W. - Descend on N. slope; enter scattering pine
26.00	Fit a sandstone 22 x 18 x 8 ins. 16 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. high 1 1/2 ft. high W. of cor. Fits impracticable.
40.00	Foot of N. slope, enter rolling core or depres- sion drains W.
60.50	Wash 10 lds. wide 2 ft. deep drains W. Fit a sandstone 30 x 24 x 4 ins. 22 ins in the ground for cor. to sec. 9 10-15 x 16; marked 4 notches on S. and 3 on E. edges and raised a mound of stone 2 ft. high 1 1/2 ft. high W. of cor. Fits impracticable.
66.50	A pine 20 ins. diam. bears S. 41° 30' W. 16 lbs. dist. marked T. 1 N. R. 24 E. S. 9 B. T. A pine 24 ins. diam. bears S. 62° 30' W. 209 lbs. dist. marked T. 1 N. R. 24 E. S. 16 B. T.
80.00	A pine 34 ins. diam. bears S. 33° E. 143 lbs. dist. marked T. 1 N. R. 24 E. S. 15 B. T. No other trees within limits.
	Land steep slopes and rolling ground. Soil 2 nd and 3 rd rate - rocky. Timber scattering pine & cedar on st. 54 obs. Mountainous on 80.00 obs.

Additional Subdivision of T. 1 N. R. 24 E. I. H.

Obs.	
	N. 89° 51' E. on a sandstone line bet. secs. 10 & 15
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.00	Intersection N. & S. line 20 lks. W. of cor. to secs. 10, 11, 14 & 15 Thinner & more West on a tree line bet. secs. 10 & 15
	Aug 12
0.10	In scattering timber ledge of sandstone 10 ft. high bears N. & S.
12.50	Enter Mahogany Leave same
20.00	Dividing ridge 600 ft high bears N. & S. Ascend bear scattering pine
27.00	Set a sandstone 30 x 6 x 5 ins. 22 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $\frac{1}{4}$ ft high N. of cor. Pits impractical.
55.00	Enter scattering pine in rolling cor.
80.00	The cor. to secs. 9, 10, 15 & 16 Land broken slopes and rolling Soil 3rd rate - rocky. Timber scattering pine on 52 obs. Mal thicket on 7.50 obs. Mountainous on 80.00 obs.

August 16th 1898

N. 0° 0' W bet secs 9 & 10

10.00	Wash 10 lks wide 2 ft. deep drains W. in hollow 25 ft. deep. Ascend
25.00	Enter broken plateau bears NW. & NE.
40.00	Falls. on a sandstone 6 x 4 x 1 ft. above ground. I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. and mark $\frac{1}{4}$

Additional Subdivision of T. 10 N. R. 24 E. I. L. M.

obs.	on W. side of pass from which
	A pine 15 ins. diam. bears N. $2^{\circ} 25' E.$ 265 Ms. dist. marked $\frac{1}{4}$ S. 10 B. T.
	A pine 20 ins. diam. bears S. $76^{\circ} 40' W.$ 275 Ms. dist. marked $\frac{1}{4}$ S. 9 B. T.
68.00	Leave plateau and scattering pine descend
80.00	Set a sandstone 20 x 8 x 5 ins. 15 ins. in the ground for cor. to secs. 3. 4. 9. & 10; marked 5 notches on S. and 3 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Sets impractical. Land steep slope and rolling plateau. Soil 3rd rate - rocky Timber scattering pine on S. 68 obs. Mountainous on 80.00 obs.

East on a random line
bet. secs. 3 & 10

40.00	Set temp $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line at cor. to secs 2. 3 10 & 11
	Leave road
	West on a true line bet. secs. 3 & 10
40.00	Set a sandstone 12 x 8 x 7 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft high st. of cor. Sets impractical.
60.00	Leave scattering mahogany, pine & cedar.
65.00	Ridge spur 500 ft high bears N.W.
80.00	The cor. to secs. 3. 4. 9. & 10 Land mountain slopes. Soil 3rd rate - rocky

Additional Subdivision of T. 1 N. R. 24 E.

chks. Timber scattering mahogany, pine & cedar
on E. 60.00 chks.
Mountainous on 80.00 chks.

N. 0° 0' W. on a random line.
Lat. sec. 3 & 4

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.3 Intercept W. Bdy of Tp. 42 ths. E. of cor.
to secos. 3. 4. 30 & 34 hundredths des
Plane 1 mm

S. 0° 20' E. on a true line

Lat. secos. 3 & 4

7.00 Descent

14. Gully 10 ft deep drains E. ascend

40.3 Set a sandstone 20 x 10 x 6 ins. 15 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
W. cor. and raised a stone mound 2 ft.
 $\frac{1}{2}$ ft. high W. of cor. Bits impractic

A pine 5 ins. diam. bears N. 16° W. 21 ths.
dist. marked $\frac{1}{4}$ S. 4 B. T.

No other trees within limits

72. Pine scattering cedars

80.3 The cor. to secos. 3. 4. 9 & 10

Land mountain slopes

Soil 3rd rate rocky

Timber scattering cedars on st. 9200 chks

Mountainous on 80.30 chks.

I begin at the established
cor. to sec. 32 & 33 on the Salt Lake R.
line which is also the S. Bdy of this Tp.
Said cor. being a charred open post family

Additional Subdivision of T. 1 N. R. 24 E. T. L. M.

Obs. set marked and witnessed as described by the Surveyor General, loco in lat. 40° 40' N.
N. long. 109° 13' W. at 9 h. 40^m. l. m. t.
on Aug. 17th 1898 I observe Polaris at
eastern elongation in accordance with ins-
tructions in the manual and mark a
point on the line thus determined as a
plug driven into the ground 5 obs. ct of cor.

August 17th 1898

August 18th 1898. At 7 h. a.m.
I lay off the azimuth of Polaris 10° 38' to the
west and mark the true meridian thus deter-
mined by a tack driven into a plug formerly set
in the ground west of the point established last
night - The magnetic bearing of said
true Meridian is N. 15° 55' W. which red-
uced by the table on page 100 of the manual
gives the mean mag. decl. N. 15° 49' E.

Thence I run:

N. 0° 03' W. dist. sec. 32 x 33

In "Warren Draw" a mountain valley
draining S. at this point.

- 4000 Set a sandstone 14 x 10 x 6 ins. 9 ins. in
the ground for 1/4 sec. cor. marked 1/4 on W.
face and raised a mound of stone 2 ft.
base 1 1/2 ft. high W. of cor. Pts impracticable
Road bears N.E. & S.W.
- 58.50 Set a sandstone 16 x 9 x 5 ins. 11 ins. in the
ground for cor to sec. 28. 29. 32 x 33; marked
1 notch on 1 and 4 on E. edges - and raised
a mound of stone 2 ft. base 1 1/2 ft high W.
of cor. - Pts impracticable
Sand rolling Valley
Soil 1st rate
No timber
- 8000

Additional Subdivision of T. 1 N R. 24 E.

Cham.

East on a sandstone bank
bet. secos 28 & 33.

- 40.00 Lot temp $\frac{1}{4}$ sec. cor.
80.15 Intersect N. & S. line at cor to secos 27.
33 & 34

Then I run

West on a true line
bet. secos 28 & 33.

- 13.50 Ridge spur 200 ft high banks N.W.
22.00 Hollow 50 ft deep draws N.W.
40.07 Falls on sandstone 10 x 10 x 2 ft. above ground
I cut a cross(+) at the exact cor. point for
 $\frac{1}{4}$ sec. cor.; mark $\frac{1}{4}$ on $\frac{1}{2}$ side of same
and raise a stone, measured 2 ft. less $\frac{1}{4}$ ft.
high $\frac{1}{2}$ of cor. - Lots impractical.
42.00 Ridge spur 200 ft. high banks N.W. Second
Edder Warren Draw banks N.E. & S.W.
44.00 Wagon road banks N.E. & S.W.
80.15 The cor. to secos 28, 29, 32 & 33
land broken slopes and valley
Soil 3rd and 1st rate
No timber.
Mormon houses on E. 56.50 obs

N. 0° 03' W. bet secos 28 & 29

- 15.00 Gentle ascent
36.00 Summit of low rolling hills forming watershed in Warrens Draw, between Pot Creek and
Brown River
40.00 Lot a sandstone 14 x 9 x 6 ins. 9 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face

Additional Subdivision of T. 1 N. R. 24 E. S. L. m.

- obs. and raised a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor. Its impracticable
68.00 Gentle ascent
80.00 Set a sandstone 14 x 10 x 6 ins. 9 ins. in the
ground for cor. to secs. 20. 21. 28 & 29; in
2 patches in S. and 4 on E. edges and
a mound of stone 2 ft. base $1\frac{1}{2}$ ft high
of cor. Its impracticable
Land mostly rolling hills
Soil 2nd rate
No timber

East on a random line
but secs. 21 & 28

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
80.30 Intersect W. & S. lines at cor. to secs.
21. 22. 27. & 28
Tunne 3 min
West on a true line
but. secs. 21 & 28

18. Ridge spur 300 ft. high bears S. W. - descent
33. Enter Warren Draw
40.15 Set a quartzite 36 x 16 x 5 ins. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on it
and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft
high W. of cor. Its impracticable.
56.00 Road bears W. & S.
58.00 Gentle ascent
80.3 The cor. to secs. 20. 21. 28 & 29
Land mountain slope and rolling valley
Soil 4th and 2nd rate
No timber
Mountainous on E. 30.00 obs

Additional Subdivisions of T. 1 N. R. 24 E. S. D.

Obs

N. 0° 03' W. bet sec. 20 & 21

- 1000 Gully in depression 25 ft. deep drains . . .
 31.00 Gully in depression 25 ft. deep drains N.E.
 40.00 Set a sandstone 18x10x6 ins. 12 ins. in the
 ground for 1/4 sec. cor. marked 1/4 on W.
 and raised a mound of stone 2 ft. base
 1 1/2 ft. high W. of cor. Pits impractical.
 43. Small spring 2 obs E.Leave W
 Draw around S. E. slope
 50.00 Top of ridge spur 75 ft high bears E.
 56. Sandstone ledge 20 ft. deep bears E. & W.
 Run along rocky E. slope
 80.00 Set a sandstone 18x5x5 ins. 12 ins in
 ground for cor to sec. 16. 17. 20 & 21;
J. H. D.
H. J. G.
 3 notches on L. and 4 on E. edges and raised
 a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
 Pits impractical
 Land rolling valley and mountain slopes
 Soil 2nd & 4th date.
 No timber.
 Moundations on N. 36. 57 Obs.

East on a random line
 bet. sec. 16 & 21

- 40.00 Set temp 1/4 sec. cor.
 80.00 Intersect N. & S. line at cor. to sec.
 15. 16. 21 & 22
 Thence 1 mm
 West on a true line
 bet. sec. 16 & 21

- 19.00 Recend step W. slope
 Enter Warren Draw
 40.00 Set a sandstone 16x12x8 ins. 11 ins in

Additional Subdivision of T. 1 S. R. 24 E. I. L. M.

- Obs. ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. $1\frac{1}{2}$ ft high N. of cor. Posts impracticable
A spring bears S. $16^{\circ} 20' E.$ 15.50 chs. dist.
48.00 Spring Branch 3 ms. wide 3 ins. deep runs N.
60.00 Gully 40 ms. wide 6 ft. deep drains N.
72.50 Bear Warren Draw, second step E. slope
80.00 The cor. to secs. 16, 17, 20, 21.
⁰⁶⁵⁰
^{53.} Land steep slopes and rolling valley
Soil 4th and 2nd rate rocky
No timber.
Mountainous on 26.50 obs

August 18th 1898

No. 003 N. lot secs 16 & 17

- light accent on E. slope
10.00 Ridge spur 40 ft high bears. E. Second
1st draw on NE. slope
25.00 Hollow 20 ft. deep drains N.E.
40.00 Set a sandstone 20 x 6 x 6 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
and raised a stonemound 2 ft. base $1\frac{1}{2}$ ft
high N. of cor. Posts impracticable.
55.00 Enter Warren Draw bears N.W. & N.E.
80.00 Set a quartzite 20 x 10 x 6 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked 4 notches
on S. and E. edges and raised a mound
of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
Posts impracticable.
Land broken N.E. slope and rolling valley
Soil 3rd and 2nd rate rocky
No timber.
Mountainous on S. 55.00 obs

Additional Subdivision of T. 1 N. R. 24 E. S.

obs.

East on a random line
bet secs. 9 & 16

40.00

Set temp 1/4 sec. cor.

80.00

Intersect st. & I. line at cor to secs
9. 10. 15 & 16

Thinner & more

West on a true line
bet. secs 9 & 16

Described

21.00 Same cedars, enter Warren Draw.

38.00 A spring bears N. 17° E obs. dist.

40.00 Set a sandstone 18x10x8 ins. 12 ins. in the
ground for 1/4 sec. cor., marked 1/4 on st. face
and raised a mound of stone 2 ft. base 1 1/2 ft.
high N. of cor. Bits impracticable

42.00 Toliver Creekbed (dry) 30 lbs. wide 6 ft
deep draws N.

80.00 The cor. to secs. 8. 9. 16 & 17

²¹⁶⁰
³⁴⁵⁰ Land valley and broken slope
Soil 3rd and 2nd rate stony.

Timber scattering cedars on E. 21.00 obs

Mountainous on E. 21.00 obs

N. 0°03' W. bet secs 8 & 9

32.50

Spring Branch 3 lbs wide 2 ins deep arms
E. heads in Spring 1 ch. west

40.00

Set a sandstone 18x10x8 ins 12 ins. in
ground for 1/4 sec. cor. marked 1/4 on W. f
and raised a mound of stone 2 ft. base 1 1/2
high N. of cor - Bits impracticable

45.00

Same Warren Draw. Described.

80.00

Set a sandstone 18x8x8 ins 12 ins. in
ground for cor to secs. 4. 5. 8 & 9

Additional Subdivisions of T. 1 dt. R. 24 E. S.H. 331.

Obs 5 notches on S. and 4 on E. edges and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Its impracticable
land rolling valley and mountain slope
Soil 3rd rate rocky.
No timber
Mountainous on W. 35.0 chs.

East on a random line
Lat. sec. 4 & 9

40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.7 Intercept N. & S. line 40 chs. S. of cor.
to secs. 3. 4. 9 & 10.

Then I am
 $89^{\circ}43'W.$ on a true line
Lat sec. 4 & 9

Second

24. Hollow 50 ft deep drains N.W.
39.85 In mouth of same hollow set a sandstone
24 x 20 x 6 ins 18 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on st. face
from which

An aspen 4 ins. diam. bears $74^{\circ}30'W.$
53 lbs, ^{dit.} marked $\frac{1}{4}$ S. 4 B. T.

An aspen 7 ins. diam. bears $70^{\circ}52'W.$
91 lbs. dist. marked $\frac{1}{4}$ S. 9 B.T.

Thence in aspen

46. Toliver Creek 2 chs wide 6 ins. deep runs
N.W. in canyon 50 ft deep. Second
year aspen

60.00 Ascend precipitous E. slope
Enter broken plateau

- 79.7 The cor. to secs 4. 5. 8 & 9
land broken mountain slope
Soil 4th rate rocky
Timber. aspen on 12. 65 chs

Additional Subdivision of S. 1/4 T. R. 24 E. S. 1/4

obs

Montainous on 49.70 obs

N. $0^{\circ} 03'$ W. on a random line
bet. secs. 4 & 5

- 4000 Sat temp $\frac{1}{4}$ sec. cor.
800 Intercept W. Bdy. of Tp. at cor. to secs
4. 5. 32 & 33. ~~hencefore described~~
hence I now
S. $0^{\circ} 03'$ E. on a random
bet. secs. 4 & 5

Descent

14. Spring Branch 3 lks. wide 2 ins. deep runs
S.E. in a broad hollow 75 ft. deep.

Ascend

19. Enter broken plateau
4000 Sat a sandstone 16 x 9 x 6 ins. 11 ins. in
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. f
and raised a mound of stone 2 ft. base $1\frac{1}{2}$
high W. of cor. Its impracticable.

- 6000 Enter flat summit of broken plateau
bears N.W. & S.E.

68. - leave same

- 80.00 The cor. to secs. 4. 5. 8 & 9
has mostly broken slopes
Soil 4 th rate - rocky
no timber.

Montainous on 80.00 obs

Additional Subdivision of T. 1 N. R. 24 E. S. L. M.

do

I begin at the established
to secs. 31 & 32 - on the Salt Lake Base
identical with the S. End of this Twp - which
is a charred aspen post firmly set marked
and situated as described by the Surveyor
General. At said cor. in Lat. $40^{\circ}46' N.$
long $109^{\circ}14' W.$ at 9 h. 32 m P.M. C.M.T.
on August 19th 1898 I obtain Polaris at eastern
azimuth in accordance with instructions
in the Manual and mark a point on
the line thus determined on a peg driven
into the ground 5 chs. W. of cor.

August 19th 1898.

August 20th 1898 At 7 h. a.m I lay
off the azimuth of Polaris $10^{\circ}38'$ to the west
and mark the true meridian thus determined
of a tack driven into a peg firmly set in
the ground west of the point established last
night - The magnetic bearing of said true
Meridian is N. $15^{\circ}55' W.$ which reduced by
the table on page 100 of the Manual gives the
mean mag. decl. N. $15^{\circ}49' E.$

Then I run

N. $0^{\circ}04' W.$ bet secs. 31 & 32

- 22.00 Ridge 500 ft. high bears N.W. & S.E. Thence
along bottom E. slope
40.00 Set a sandstone $14 \times 7 \times 6$ ins. given in the
1 mud for 1/4 sec. cor., marked 1/4 on W. face
and raised a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor. - Sets impracticable
Set a sandstone $20 \times 10 \times 4$ ins. 15 ins. in
the ground for cor. to secs 29. 30. 31 & 32;
marked 1 notch on S. and 5 on E. edges
and raised a mound of stone 1 ft. high W. of cor.

Additional Subdivision T. 1 S. R. 24 E. S. 4.

obs	<p>2 ft base $1\frac{1}{2}$ ft high W. of cor. fits impracticable land high mountain slopes Soil 3rd rate - rocky. timber some Mahogany and serviceberry Mountainous on 80.00 chs</p>
-----	--

East on a random line
 lat. secs 29 & 32

40.00 Fit temp. $\frac{1}{4}$ sec. cor.
 80.00 Intercept N. & S. line at cor. to sec. 28
 29. 32 & 33

Timber 3 min.

West on a tree line
 lat. secs 29 & 32

25.7 Bear Warren's Draw, enter Mahog. &
 and serviceberry brush - ascend steep
 and broken E. slopes towards the main
 divide between Warrens and Jacksons Draw

400 Fit a sandstone 20 x 10 x 4 ins. 15 ins. in
 the ground for $\frac{1}{4}$ sec. cor. - marked $\frac{1}{4}$ on
 W. face and caused a mound of stone 2 ft
 base $1\frac{1}{2}$ ft. high W. of cor. - fits impracticable

A pine 3 ins. diam. bears S. 29.30. W. 164.66
 dist. marked $\frac{1}{4}$ S. 32 B. T.

No other trees within limits

80.00 Th cor to secs. 29. 30. 31 & 32
 land steps E. slopes and valley
 Soil 3rd rate rocky and 1st rate
 timber, a few pines and mahogany and
 serviceberry brush on W. 55.00 chs.
 Mountainous on W. 55.00 chs.

Additional Subdivision T. 1 N. R. 24 E. S. L. 711

obs.

West on a random line
lot. sec. 30 & 31

40.00 Set trap. $\frac{1}{4}$ sec. cor.

80.00 Intercept W. Ridge of Sp. at cor. to secs
25. 30. 31 & 36 hereof previously described
Then I run

East on a true line

lot secs. 30 & 31

Flight ascent in broken cor. draws W.

27.Leave cor. steep ascent.

40.00 Set a sandstone 16 x 10 x 6 ins. 11 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W.
face and raised a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor. - Pts impractical

43.6 Enter pine timber.

61.00 Leave pine timber

62.50 Main ridge 600 ft. high bears N. N. E.

- 80.00 The cor. to secs 29. 30. 31 & 32

Leave high mountain slopes

Soil 3rd rate - rocky.

Timber Mahogany & serviceberry brush; pine
on 17. 40 chs.

Mountainous on 80.00 obs.

N. 0°04' W. lot secs. 29 & 30

Along broken E. slope of Main ridge

13.00 Enter scattering pine timber

40.00 Set a sandstone 15 x 9 x 5 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face
and raised a mound of stone 2 ft. base $1\frac{1}{2}$
high W. of cor. Pts impractical

72.0 Ridge spur 400 ft. high bears S. E.
Scattered in pine and open timber.

Additional Subdivision of T. 1 N. R. 24 E. I.

chs.

80.00 Set a sandstone 36 x 16 x 9 ins. 27 ins. in
the ground for cor. to secs. 19. 20. 29 & 30, near
2 notches on S. end & 5 on E. edges
from which

A pine 6 ins. diam. bears N. 44° E. 73 lbs.
marked T. 1 N. R. 24 E. I. 20 B.T.

A pine 6 ins. diam. bears S. 6° 30' E. 23 lbs.
dist. marked T. 1 N. R. 24 E. I. 29 B.T.

An aspen 10 ins. diam. bears S. 33° 10' W. 80
lbs. dist. marked T. 1 N. R. 24 E. I. 30 B.T.

A dead pine 6 ins. diam. bears N. 26° 30' W. 46
lb. dist. marked T. 1 N. R. 24 E. I. 19 B.T.

Laid high mountain slopes
Soil 3rd rate - rocky.

Timber pine and aspen on abt. 8 chs.
on balance

Moraines on 80.00 chs

August 20th 1898

East on a random line
between secs. 20 & 29

40.00 Set temp. 1/4 sec. cor.

80.2 Intersect N. & S. lines at cor. to secs 20. 21.
28 & 29.

Then I now

West on a true line
bet secs 20 & 29

5.00 Leave Warren Draw. ascend steep E.
slope

16. Ridge open 100 ft. high bears N.

16. Sandstone ledge 35 ft. deep bears N.E. & S.W.

28.00 Enter cor. - opens N.E.

40.10 Set a sandstone 20 x 12 x 7 ins. 15 ins. in
the ground for 1/4 sec. cor. marked 1/4 on N.

Additional Subdivision of T. 1 St. R. 24 E. S. L. M.

- Obs. face and raised a mound of stone 2 ft.
base 11¹/₂ ft. high at. of cor. Site impractical
60.00 have core - ascend rocky slope in
Mahogany and service berry brush.
68.00 Enter pine and aspen
79.45 A dead pine 12 ins. diam marked 2nd from E.W.S.
80.20 Th. cor. to secs. 19. 20. 29 & 30
land mostly rocky mountain slopes
Soil mostly 4th rate.
Timber Mahogany and service berry brush
on W. 20. 20 obs. pine and aspen on W. 19. 20 of
Mountainous on W. 45. 20 obs
- $\frac{52}{50}$

West on a random line
lat. secs. 19 x 30

- 40.00 Set temp. 1/4 sec. cor.
79.80 Intersect W. Bdg of Tp. at cor. to secs.
19. 24. 25 & 30 previously described
Three from
East on a true line
lat. secs 19 x 30

Second

- 9.00 Hollow 30 ft. deep drains N.W. Second
25.00 Enter pine timber
39.80 Set a sandstone 30 x 15 x 8 ins. 22 ins. in
the ground for 1/4 sec. cor.; marked 1/4 on it.
from which
A pine 16 ins. diam bears N. 36° 30' E. 43
lbs. dist. marked 1/4 S. 19 B.T.
A pine 12 ins diam bears S. 80° W. 48 lbs.
dist. marked 1/4 S. 30 B.T.
60.00 have pine timber.
71.00 Main ridge 800 ft. high bears N.W. x S.E.
Enter pine and aspen - Second
79. Th. cor. to secs 19. 20. 29 & 30.

Additional Subdivision T. 1 N. R. 24 E. S. L.

obs.	hard broken mountain slopes Soil 3rd rate - rocky Timber pine and aspen, ^{over} 43.80 obs Mountainous on 79.80 obs.
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N. 0° 04' W. bet. secs 19 & 20

- Descend steep rocky slope in dense Mahogany brush and scattering pines
29. Enter brush and pines enter very broken hollow 100 ft deep drains E.
3. Small spring bears E. 35° obs dist.
- 40.00 Falls on stationary sandstone 30x30x10 above ground. I cut a cross(+) at the exact cor. point for 1/4 sec. cor., mark 1/4 on W. side of same and raise a mound of stone 2 ft. base 1 1/2 ft. high W. of cir. Pits impracticable.
- Ascend steep S. slope
- 70.00 Enter pine timber, thence along E slope
- 80.00 Falls on stationary sandstone 16x16 + 8 ins. above ground. I cut a cross(+) at the exact cor. point for cor to sec 17. 18. 19 & 20 marked 3 notches on S. and 5 on E. edges from which
- A pine 6 ins. diam. bears S. 53° 15' W. 50 lbs. dist marked T. 1 N. R. 24 E. S. 19 B. T.
- A pine 7 ins. diam bears. N. 31° 30' W. 14 lbs. dist. marked T. 1 N. R. 24 E. S. 18 B. T.
- A pine 9 ins. diam bears S. 32° E. 35 lbs dist. marked T. 1 N. R. 24 E. S. 20 B. T.
- A pine 8 ins. diam. bears N. 12° 30' E. 111 lbs dist. marked T. 1 N. R. 24 E. S. 17 B. T.
- Hard broken mountain slopes
Soil 4th rate, very rocky
Timber dense Mahogany brush and scattering pine in S. 29 obs. pine timber in N. 10 obs

Additional Subdivision T. 1 N. R. 24 E. S. Y. M.

obs.	Mountainous on 80.00 obs.
	Cast on a random line bet secs. 17 & 20
40.00	Set steep $\frac{1}{4}$ sec. cor.
79.92	Entered N. & S. line 21 lbs. W. of cor to secs. 16. 17. 20 & 21 Then I run N. $89^{\circ} 51' W.$ on a township line. secs. 17 & 20
	Ascend
31.50	Ridge over 400 ft. high bears S.E.
39.96	Set a sandstone 20 x 12 x 5 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. low $1\frac{1}{2}$ ft. high N. of cor. Its impracticable Hollow 50 ft. deep drains S.W.
45.00	Hollow 50 ft. deep drains S.E.
65.00	Ascend steep slope enter pine timber the cor. to secs 17. 18. 19 & 20
79.92	Land step slopes and broken ground Soil 3 or 4 ft. rate rocky Timber scattering mahogany brush and pine timber on N. 79.92 obs. Mountainous on 79.92 obs

At the cor. to secs. 17. 18. 19 & 20
in Lat. $40^{\circ} 49'$ N. Long. $109^{\circ} 14' W.$ at 9 h.
25 m P.M. l.m.t. I observe Polaris at
eastern elongation in accordance with
instructions in the Manual and mark
a point on the line thus determined
on a plug driven into the ground

Additional Subdivision T. 1 N. R. 24 E. I. K.

ch. 5 chs. N. of cor.

August 21st 1898

August 22nd 1898 at 7 h. a.m. I off the azimuth of Polaris $1^{\circ}38'$ to the west and mark the true meridian thus determined by a tack driven into a peg firmly set in the ground west of the established last night. The magnetic bearing of said true meridian is N. 16° W. which reduced by the table on page 100 of the manual gives the mean mag. decl. N. $15^{\circ}55'$ E.

Then I went

West on a random line
bet sec. 18 & 19

4. Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intercept W. Ridge of Tp. 22 lbs. N of cor.
to sec. 13. 18. 19 & 24 unentered described
Then I went

N. $89^{\circ}51'$ E. on a true line
bet sec. 18 & 19

Along broken N. slope in pine and aspen
falls on solid sandstone ledge. I cut a cor.
 $\frac{1}{4}$ at the exact cor. point for $\frac{1}{4}$ sec. cor. and
mark $\frac{1}{4}$ on its side of same
from which

An aspen 6 ins. diam bears S. 34° W. 20 lbs.
dist. marked $\frac{1}{4}$ L 19 B.T.

An aspen 6 ins. diam. bears N. $15^{\circ}30'$ E.
12 lbs. dist. marked $\frac{1}{4}$ L 18 B.T.

74.00 Main Ridge 600 ft high bears N.E. & S.W.

The cor. to sec. 17. 18. 19 & 20

Land broken Mountain slope

Soil 3rd rate - rocky

Additional Subdivision T., N. R. 24 E. J. L. M.

chs. Timber pine and aspen on 79.90 ahs
Mountainous on 79.90 ahs.

N. 0° 04' W. bet secs. 17 & 18

- 13.00 Have pine and aspen timber
18.50 Main ridge 600 ft. high bears N.E. & S.W.
Descent along W. slope
40.00 Set a sandstone 20 x 8 x 5 ins. 15 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W.
and raised a mound of stone 2 ft. base
1 1/2 ft. high W. of cor. fits impracticable
65.00 Enter aspen timber.
76.50 Have aspen timber.
80.00 Set a sandstone 18 x 7 x 5 ins. 12 ins. in
ground for cor. to secs 7.8. 17 & 18; marked
4 notches on S. and 5 on E. edges - and
raised a mound of stone 2 ft. base 1 1/2 ft.
W. of cor. fits impracticable.
Land broken mountain slope
Soil 3rd rate - rocky
Timber - aspen and pine on 24.50 ahs.
Mountainous on 80.00 ahs

J. 89° 51' E. on a random line
bet secs. 8 & 17

- 40.00 Set temp. 1/4 sec. cor.
80.10 Intercept N. & S. line 19 lbs. J. of cor
secs 8. 9. 16 & 17
Hence I mm
N. 89° 59' W. on a true line
bet secs. 8 & 17

- 2000 Have Warm Draw around steep rocky

Additional Subdivision of T. 1 St. R. 24 E. 9.0

obs.	Sloped
40.05	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone 2 ft. base $\frac{1}{2}$ ft. high W. of cor. Its impracticable. Main ridge 600 ft. high bears N. & S. The cor. to secs. 7, 8, 17 & 18
69.00	Main ridge 600 ft. high bears N. & S.
80.10	Land steep slopes and rolling Soil 2 nd and 3 rd rate - rocky No timber
60.10 9.00	Maintainable on 60.10 obs.

9.89° 51' W. on a random line
Lat. secs 7 & 18

40.00	Set temp $\frac{1}{4}$ sec. cor.
80.00	Entered W. Bdy. of Tp. 20 Ws. I. of cor. to secs. 7, 12, 13 & 18 hilly top described Shrub 2 mm
	East on a true line Lat. secs. 7 & 18

Second

100.00	Depression drains S. - stone around bottom S. slope very rocky.
40.00	Set a sandstone 24 x 16 x 8 ins. 18 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a stone mound 2 ft. base, $\frac{1}{2}$ ft. high W. of cor. Its impracticable.
80.00	The cor. to secs. 7, 8, 17 & 18 Land broken S. slope Soil 4 th rate. very rocky Timber, some Mahogany brush Maintainable on 80.00 obs.

August 22nd 1898

Additional Subdivision T. 1 N. R. 24 E. S. G. M.

obs

N. $0^{\circ} 04'$ W. alt. sec. 7 & 8

Ascend

- 23.00 Ridge spur 400 ft. high bears W.
 37.00 Enter rocky cor. draining W. - near
 head
 40.00 Set a sandstone 14 x 8 x 6 ins. 9 ins in
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W.
 and raised a mound of stone 2 ft. base $1\frac{1}{2}$
 ft. high W. of cor. - Sets impracticable
 57.00 Bear cor. - ascend
 61.00 Enter rolling plateau
 80.00 Set a sandstone 16 x 8 x 6 ins. 11 ins. in
 ground for cor. to sec 5. 6. 7 & 8 marked
 5 inches on S. & E. edges and raised a
 mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.
 of cor. Sets impracticable
 Hand broken mountains
 Till 3rd rate rocky
 No timber
 Mountainous on 8000 obs

$9.89^{\circ} 59'$ E. on a random line
 alt. sec 5 & 8

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect N. & S. line 18 lbs. S. of cor. to
 secos 4. 5. 8 & 9
 Thined 2 mm
 $9.89^{\circ} 53'$ W. on a true line
 alt. sec 5 & 8

Ascend

- 40.09 Set a sandstone 15 x 8 x 5 ins. 10 ins in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
 face and raised a mound of stone 2 ft.

Additional Subdivision T. 1 N. R. 24 E.

- Obs. base $1\frac{1}{4}$ ft high N. of cor. Pits impracticable.
- 48.00 Main ridge 500 ft. high bears N. & S.
- 80.18 The cor. to secs. 5. 6. 7 & 8
Land broken mountains
Soil 3rd rate rocky
Timber some mahogany brush
Mountainous on 80.18 obs.

West on a random line
bet. secs. 6 & 7

4. Set temp $\frac{1}{4}$ sec. cor.
- 80.1 Intersect W. Body of Tp. 22 Obs. N. of cor.
to secs. 1. 6. 7 & $\frac{1}{2}$ hilltop described
Plane 2 mm
 $N. 89^{\circ} 51' E.$ on a true line
bet. secs. 6 & 7
- 12.00 Have level road - drains W. - Grass
scant on rocky ground
- 40.1 Falls on stationary sandstone $8 \times 6 \times 1\frac{1}{2}$ ft.
above ground. I cut a cross(s) at the exact
cor. point for $\frac{1}{4}$ sec. cor., mark $\frac{1}{4}$ on N.
and raise a mound of stone 2 ft. base $1\frac{1}{2}$
ft. high N. of cor. Pits impracticable
Enter rolling plateau and scattering
pine timber.
73. Have scattering pine timber.
- 80.1 The cor. to secs. 5. 6. 7 & 8
Land mostly broken slope
Soil mostly 3rd rate - rocky
Timber scattering pine on 23.00 obs
Mountainous on E. 68.14 obs
- GS14
F340

Additional Subdivision T. 1 N. R. 24 E. I. L. M.

Obs.	
	N. 0° 04' W. on a random line bet. secs. 5 & 6
40.00	Set Temp 1/4 sec. cor.
80.00	Intersect N. Body. of Sq. at cor. to secs. 5. 6. 31 & 32 described Thence 2 mm
	9.0° 04' E. on a true line bet secs. 5 & 6
347.00	Enter scattering pine
40.00	Falls on solid sandstone ledge. I cut a cross(+) at the exact cor. point for 1/4 sec. cor. and mark 1/4 on W. side of same from which
	A pine 36 in. diam. bears S. 11° 30' E. 157 lbs. dist. marked 1/4 T. 5 B.T.
	A pine 30 in. diam. bears S. 86° W. 52 lbs dist. marked 1/4 T. 6 B.T.
48.00	Leave pines - Ridge 30 ft high bears E & W.
62.00	Enter core diam. W.
73.00	Leave core - around
80.00	The cor to secs. 5. 6. 7 & 8
	General mottainous and broken
	Soil 4 th rate - rocky
	Tinder scattering pines on 11.00 obs.
	Mottainous on 80.00 obs

August 23rd 1898

General Description

The land embraced in the additional subdivision of this township contains the northwesterly part of Warrens Draw

Additional Subdivision T. 1 N. R. 24 E. I

a rolling mountain Valley averaging about three fourths of a mile in width and the mountain chains running North and South on each side of same.

Also in the northeastern part most of the country draining from Bear Draw towards Green River - Bear Creek a small stream runs through secs 14 and 11, and sinks in sec. 1 most of the distance in a deep canyon. Toliver Creek another small stream runs through secs 9 and 4 also mostly in a deep canyon. Small ^{small} springs are in secs. 5, 6, 8, 9, 20 & 21.

On the north slopes of the ridges some pine, cedar, aspen and Mahogany timber generally grows. The whole country is splendidly adapted for pasturage and supports vast flocks of sheep and some herds of horses.

I found no improvements anywhere in the portion of the Tp. surveyed by me, the first entries of Henry W. Jaynes No 2246 Joseph H. Toliver No 2246 and Perry E. Currin which do number have either been abandoned or are not situated here.

I found no indications of valuable mineral deposits.

Adolphus Jensen
U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____, showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____, of the _____, meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____.

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date _____, day of _____, 189_____, I have well, faithfully, and truly, in proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____,

of the _____ meridian, in the _____ of _____, which are represented by the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 10th, 1897

The foregoing field notes of the survey of ~~the~~ ^{the} ~~Division of~~ ^{the} ~~Territory of~~ ^{Division of} ~~Utah~~ ^{Utah} _____, ~~1 North Range 24 East of the Salt Lake Base Meridian, Utah~~ _____.

executed by _____, *Adolphus Jessen*, under his contract No. 218, dated *December 9th, 1897*, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Jacob T. B. T. C.
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-254

FIELD NOTES

OF THE SURVEY OF THE

*North Boundary**Township 1 North**Range 25 East*

Of the *Salt Lake Base & Meridian,*
State of Utah.

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,
under his Contract No. 218, dated November 9th, 1897
Survey commenced August 23rd, 1898
Survey completed August 24th, 1898

6-161

N. Boundary begin 1-46-25 S
" " 1 " West 3-35-00 S
S. 01 3°

NAMES AND DUTIES OF ASSISTANTS.

John Flanagan } Chairman
Charles Potter

Hugh Stagart Monksman

Hugh Hengart }
D. J. Morgan } Asmann

Frank J. Briggs Feymann

For preliminary affidavits see Part "D"

F
11.25 E.

N-18day -
high low
M. Ch. Ch. - m. Ch. Ch.
62.00 ✓ 18.00 ✓
1-00-00 ✓
1-00-00 ✓
53.25 ✓ 26.75 ✓
11.00 ✓ 70.30 ✓

1-46-25 3-35-05
✓ ✓

Volume

#

R0254

BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	20	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, and do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we are measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chain

, Chain

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Mound

, Mound

Subscribed and sworn to before me this }
day of , 189 }



We, and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Ax

, Ax

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of , Flag

Subscribed and sworn to before me this }
day of , 189 }



North Boundary T. 1 N. R. 25 E. I. L. M.

Obs.

Jury commenced August 23rd 1898
with the instrument described in Book "A."

I begin at the established cor. to Tps. 1 & 2
N. R. 24 & 25 E. heretofore described in Lat.
40° 51' N. Long. 109° 09' W. at 9 h. 17 m. P.M.
m. l. t. and observe Polaris at eastern elongation
in accordance with instructions in the Manual
and mark the line thus determined by a point
marked on a plug set in the ground 5 obs. st. of cor.

August 23rd 1898

August 24th 1898 At 7 h. a. m I lay off
the azimuth of Polaris 1° 38' to the west and
mark the true meridian thus determined by
a tack driven into a plug firmly set in the
ground W. of the point established last night.
The magnetic bearing of said true meridian
is N. 16° 6' W. which reduced by the table on page
100 in the manual gives the mean mag. decl.
16° East.

Then I run East in a true line to the
Utah - Colorado Boundary

East but secs. 6 & 31

28. 30

Across rocky ledge in cedar and piñon
Right bank of Green River - On N.E. edge
of perpendicular ledge 50 ft. high cut a cross
(+) in the solid ledge at the exact cor. point for
M. C. of sec. nos. 6 & 31 marked M. C. on E.
side.

from which

A cedar 8 ins. diam bears N. 86° 30' W. 65 lbs
dist. marked T. 1 N. R. 25 E. S. 6 M. C. B. T.

A cedar 8 ins. diam bears N. 32° 15' W. 2.00 ch.
dist. marked T. 2 N. R. 25 E. S. 31 M. C. B. T.
green cedars

North Boundary T. 1 N. R. 25 E. S.

Obs.

- 32.8 Left Bank of Green River. On S. W. edge
of solid sandstone ledge, I cut a cross (4)
at the exact cor. point for M. C. of front.
secs 6 & 31 marked M. C. in W. side

A cedar 7 ins. diam bears 44.57° 45' N. 50'
dist. marked T. 2 N. R. 25 E. T. 31 M. C. B. T.
or other trees within limits

The distance across the River, I measure
with steel tape, which is 4.60 chs.

- 40.00 Set a quartzite boulder 12 x 9 x 7 ins. 8 ins. in the
ground for 1/4 sec. cor. marked 1/4 on st. face
and raised a mound of stone 2 ft. base
1 1/2 ft. high st. of cor. Its impractical

48.00 Second rocky S. W. slope
Subj. 10 ft. up from 5 in.

62.00 Cut high rolling bank

- 80.00 Set a sandstone 16 x 8 x 5 ins. 11 ins. in the
ground for cor to secs. 5. 6. 31 & 32 marked
1 notch on W. and 5 on E edges and raised
a mound of stone 2 ft. base 1 1/2 ft. high W.
of cor. Its impractical

62.00
18.00

Land broken mountains and rolling bank

Soil 3rd & 2nd rate. rocky

Timber Cedars on W. 28.20 obs

Mountainous on W. 62.00 obs

East Sect. secs 5 x 32

- 40.00 Set a quartzite 16 x 9 x 6 ins. 11 ins. in the ground
for 1/4 sec. cor. marked 1/4 on st. face, dig
pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft dist
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft
high st. of cor.

North Boundary of T. 1 St. R. 25 E. T. L. M.

Chs. 8000	<p>Set a quantity 20 x 12 x 6 ins. 15 ins. in the ground for cor to secos. 4. 5. 32 x 33, marked 2 notches on W. and 4 on E. edges, dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist and raised a mound of earth 4 ft. base 2 ft. high N. of cor.</p> <p>Gound high rolling brush Soil 2nd rate sandy No timber</p>
--------------	---

E^{ast} lot. secos 4 x 33

41.50	Hollow 25 ft deep drains I
40.00	Set a quantity 20 x 12 x 6 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on W. face dug pits 18 x 18 x 12 ins. E. & W. of stone 3 ft. dist and raised a mound of earth 3½ ft. base 1½ ft. high N. of cor.
52.80	Wash 5 lks wide 2 ft. deep drains I
54.60	Road bears N.W. & S.E.
8000	Set a quantity 16 x 8 x 6 ins. 11 ins in the ground for cor to pass 3. 4. 33 & 34 marked 3 notches on W. and E. edges; dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist and raised a mound of earth 4 ft. base 2 ft. high N. of cor.
	Gound high rolling brush Soil 2 nd rate - sandy No timber

E^{ast} lot secos 3 & 34

4.60	Thomas Lampert's middle house bears N. 18° 50' E.
------	---

North Boundary of T. 1 N. R. 25 E. S. 4.

Chs.	
17.00	Leave bench Sharp descent
18.00	Wine fence bears N. & S. - This Davenport's lower house bears S. $16^{\circ} 45' E.$
19.25	Enter bottom drains N. & S.
20.45	Willow Creek 3 lbs wide 4 ins. deep runs. S.
29.00	Road bears N. & S. leave bottom - ascend
31.00	Enter rocky broken bench bears N. & S. This Davenport's middle house bears N. $13^{\circ} 45' W.$ This Davenport's lower house bears. S. $5^{\circ} 40' W.$
40.00	Set a quartzite 16x9x7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, ^{dig pits} 18x18x 12 ins. E. & W. of stone 3 ft. dist. and raised a mound of earth $3\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft. high N. of cor.
43.00	Descent
44.00	Wine fence bears N.W. & S.E.
46.00	Bottom of gulch 75 ft. deep drains S.W.
58.00	N. point of ridge spur 100 ft. high
63.00	Gulch 50 ft. deep drains N.W.
80.00	Set a sandstone 18x12x10 ins. 12 ins. in the ground for cor to secs 2. 3. 34 & 35 marked 4 notches on N. and 2 on E. edges; dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 4 ft. base 2 ft. deep W. of cor. Land mostly broken
	Soil 3rd and 1st class rocky
	No timber
	Mimulus on 53. 25 chs

East lot secs. 2 & 35

along high rolling bench

40.00 Set a sandstone 18x12x6 ins. 12 ins. in
the ground for 1/4 sec. cor. marked 1/4 on N.
face, dug pits 18x18x12 ins. E. & W. of stone
3 ft. dist and raised a mound of earth $3\frac{1}{2}$

North Boundary T. 1 N. R. 25 E. S. L. M.

Obs.	ft. base $1\frac{1}{2}$ ft high st. of cor. Lawn rolling brush around
46.50	Summit of ridge 100 ft. high bears N. & S.
51.00	Foot of ridge - re-enter brush
81.30	Intersect Utah-Colorado Bdy. at mile cor. do. 267. Said cor. is a sunken mound of earth 3 ft base 1 ft. high and 2 pits N. & S. of mound partly filled last num- berless plain and unmistakeable (no stone)
⁽¹⁰⁾ 10.30	<u>Note:</u> I verify this imperfect cor. and the correctness of my connection therewith by retracing the Utah-Colorado Bdy from its Mile cor. do 263 to its intersection with the S. Bdy. of Wyoming. See notes of said retracement returned herewith.
	At the point of intersection I set a sand- stone 16 x 7 x 5 ins. 11 ins. in the ground for Closing cor. to secs. 2 & 35, marked C. C. on W. with 6 grooves on N. and S. and 5 on W. faces, dug pits 30 x 24 x 12 ins crosswise in front 4 ft and N. of stone 8 ft. & raised a mound of earth 5 ft. base $2\frac{1}{2}$ ft high W. of cor.

Land mostly rolling brush
Soil 2nd rate
No timber
Mountainous on 11.00 obs.

August 24th 1898.

General Description

For general description of the land tra-
versed by this line see end of field notes of
Subdivision lines of T. 1 & 2 N. R. 25 E.

Adolphus J. Jensen
U. S. Dep Surveyor

Boundaries of T. 1 N. R. 25 E.:

Latitude, Departure and closing errors:

Lines designated True bearing &	Latitude D m ebs.	Latitude D m N. Lbs E W.
all lake Bear West	398.9	98.9
West Bdy North	480.36	480.36
N. Bdy East	401.30	401.30
$0^{\circ}21' E.$	78.84	
$1.0^{\circ}11' E.$	61.91	
Col. Bdy. line South	161.28	479.9
$1.0^{\circ}29' E.$	98.6	2.078
$1^{\circ}23'$	79.3	
East	.52	
Totals	8036	79.98 401.82 1.0 4
Error of Latitude	.315	
Error of departure	0.50	

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____ of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 180_____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor _____, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date _____ day of _____, 189_____, I have well; faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ meridian, in the _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, June 10, 1897.
The foregoing field notes of the survey of *The Ninth Principal Meridian, 1st
Dist Range 25 East of the Salt Lake Parallel and
Meridian, Utah.*

executed by *Adolphus Jessen*,
under his contract No. *218*, dated *November 9th*, 1897, having
critically examined, and the necessary corrections and explanations made, the said field notes, an surveys they describe, are hereby approved.

Jacob T. B.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-254

Xe. 3. B.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions and Mounds

Tuesday 1 North

Ridge 25 East

of the Salt Lake Base & Meridian,
State of Utah

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1897

Survey commenced August 26th, 1898

Survey completed September 7th, 1895.

6-151

NAMES AND DUTIES OF ASSISTANTS.

John Finkman }
Charles Potter } Chairman

Hugh Hughart Recordman

Hugh Hughart } Assessor
D. J. Morgan }

Frank J. Bragg Fin.

For preliminary affidavits see book "Q"

IN-25E

~~Cuts~~

high m. chs. lks.	low m. chs. lks.	closing m. chs. lks.
1-00-00 ✓		
79-92 ✓		
1-00-00 ✓		
1-00-24 ✓		
1-00-00 ✓		
1-00-30 ✓		
1-00-00 ✓		
1-00-32 ✓		
1-00-00 ✓		
79-82 ✓		
70-00 ✓	9-94 ✓	
52-50 ✓	27-50 ✓	
1-00-28 ✓		
1-00-100 ✓		
1-00-20 ✓		
1-00-00 ✓		
1-00-26 ✓		
1-00-00 ✓		
1-00-18 ✓		
1-00-00 ✓		
1-00-20 ✓	40-80 ✓	
39-50 ✓	25-00 ✓	
55-00 ✓	60-00 ✓	
20-00 ✓	26-00 ✓	
54-00 ✓		
1-00-00 ✓		
1-00-00 ✓		
1-00-30 ✓		
1-00-00 ✓		
1-00-12 ✓		
1-00-00 ✓		
79-64 ✓		
32-40 ✓	48-00 ✓	
47-50 ✓	32-50 ✓	
53-00 ✓	27-00 ✓	19-56
79-20 ✓		
1-00-00 ✓		
1-00-22 ✓		
1-04-14 ✓		
1-00-00 ✓		
1-00-28 ✓		
1-01-99 ✓		
1-00-00 ✓	56-00 ✓	19-25 ✓
23-90 ✓		
1-01-99 ✓	71-00 ✓	1-16 ✓
9-00 ✓	37-80 ✓	
42-00 ✓	71-80 ✓	
10-00 ✓	48-70 ✓	
31-70 ✓		

Meanders -

low	m. chs. lks.
56-90 ✓	
10-40 ✓	
45-30 ✓	
29-50 ✓	
1-02-60 ✓	
1-03-10 ✓	
24-80 ✓	
73-10 ✓	clay
64-50 ✓	
57-10 ✓	46-35
1-30-00 ✓	
53-60 ✓	
1-02-70 ✓	
1-03-10 ✓	
32-50 ✓	
37-90 ✓	
26-60 ✓	
47-80 ✓	58.80
74-30 ✓	
1.3-13.10 ✓	12.5-25
1.3 ✓	9
81-65 ✓	

20-28 ✓ Meanders -

high	low	m. chs. lks.
1-59 ✓		
56-70 ✓		
10-40 ✓		
45-30 ✓		
29-50 ✓		
1-02-60 ✓		
1-03-10 ✓		
24-80 ✓		
39-60 ✓	32.80	
46-50 ✓	18.00	
57-10 ✓		
83-40 ✓	26.60	
33-60 ✓		
1-02-70 ✓		
1-03-10 ✓		
32-70 ✓		
26-60 ✓	35.90	
47-80 ✓		
74-30 ✓		
11-59-80 ✓	133.30	

Closing 1.25-15

41-67-10 ✓

7-22-04 ✓ 5

61-79 ✓

7

72

58.80

11

9-11.7
8) 86.16
8) 33.66

13.10

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Section of T. 1 N. R. 25 E.

Touring commenced Aug. 26th 1898 and
executed with the instrument described in
Book "A".

I begin at the Standard Cr. to
secs. 31 & 32 on the Salt Lake base line spectrometer
described in Lat. $40^{\circ}46' N.$ Long. $109^{\circ}08' W.$
a gph. 5 m. S. 71.1 m. E. and bears Polaris
at eastern elongation in accordance with the
instructions of the Manual and mark the line
thus determined by a tack driven into a plog
firmly set in the ground 50 m. E. of cor.

August 27th 1898 At 7 h. a.m. I lay off the
azimuth of Polaris $1^{\circ}58'$ to the west and mark
the true Meridian thus determined by a tack
driven into a plog firmly set in the ground W.
of the point established last night. The magnetic
bearing of said true Meridian is at $15^{\circ}55' W.$
which reduced by the table on page 102 of the
Manual gives the mean magnetic declination $15^{\circ}49'$

Then I run

$N.001'E.$ bet secs 31 & 32

Record

6.00	Bulch 50 ft. deep drains E.
15.00	Ridge open 200 ft. high bears E.
22.00	Bulch 100 ft. deep drains S.E.
40.00	On ridge 200 ft. high bears S. 71.1 E. set a sandstone $20 \times 15 \times 12$ ins. 15 ins. in the ground for $\frac{1}{4}$ sec. com marked $\frac{1}{4}$ in W. face from which
	A piston 7 ins diam. bears S. $30^{\circ}40' W.$ 27 lbs. dist. marked $\frac{1}{4}$ I. 31 B. T.
	A piston 6 ins. diam. bears S. $34^{\circ}10' E.$ 15 lbs. dist. marked $\frac{1}{4}$ I. 32 B. T.
55.00	Bulch 100 ft. deep drains S.E.
80.00	Set a sandstone $30 \times 8 \times 6$ ins. 23 ins. in the

Subdivisions of T. 1 N. R. 25 E.

Obs

ground for cor to sec. 29. 30. 31 & 32 marked
1 notch on S. and 5 on E. edges
from which

A pineson 15 ins. diam bears S. 64° E. 16 lbs.
dist. marked T. 1 N. R. 25 E. S. 32 B.T.

A mahogany 5 ins. diam. bears N. 62° 10' E. 12
dist. marked T. 1 N. R. 25 E. S. 29 B.T.

A mahogany 6 ins. diam bears S. 42° 10' W. 20 lbs.
dist. marked T. 1 N. R. 25 E. S. 31 B.T.

A mahogany 4 ins. diam bears N. 54° 30' W. 26 lbs.
dist. marked T. 1 N. R. 25 E. S. 30 B.T.

Land broken mountains

Soil 4th rate rocky

Timber cedar pines & mahogany on 8000 chs
Mountains on 8000 chs

West on a random line

bet sec. 30 & 31

40.00 Set temp $\frac{1}{4}$ sec. cor.

79.92 Intersect Mr. Pelly of Twp. at cor. to sec. 25. 30. 31
& 36 which is a quartzite 4x2x2 ft above ground
marked and witnessed as described by the Surveyor
General

Then I now

East on a true line

bet. sec. 30 & 31

39.96

Second broken S.E. slope in scattering cedars
Falls on sandstone 5x4x1 $\frac{1}{2}$ ft. above ground
I cut a cross(+) at the exact cor. point for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. side

from which

A dead cedar 6 ins. diam. bears S. 56° W. 62 lbs.
dist. marked $\frac{1}{4}$ S. 31 B.T.

A mahogany 4 ins. diam bears N. 48° 30' W. 82
lbs. dist. marked $\frac{1}{4}$ S. 30 B.T.

Subdivision of T. 1 N. R. 25 E

Obs.

- 51.50 Have scattering cedars
65.00 Ridge 300 ft. high bears N. & S.
74.50 Gulch 75 ft. deep drains S.E. enter cedars
79.92 Th cor. to secos 29. 30. 31 & 32
Land broken mountains
Soil 4th rate rocky
Timber pine cedar & mahogany on E. 5. 4th chs.
scattering on W. 51. 50 chs.
Mountainous on 79. 92 chs.

N. 0°01' E. lat. secos 29 & 30

Ascent

- 14.50 Ridge 600 ft. high bears N.W. & S.E.
22.00 Head of gulch drains N.E. - have dense
cedar & mahogany.
36.50 Riving ridge 500 ft. high bears N.E. & S.W.
40.00 Set a sandstone 20 x 16 x 4 ins. 15 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W. face and
raised a mound of stone 2 ft. base 1 1/2 ft high
W. of cor. fits impracticable
A pine 24 ins. diam bears N. 44°45' E. 180 lbs.
dist. marked 1/4 S. 29 P. 5
No other trees within limits
55.00 Enter cedars
69.60 Have cedars - Sandstone cliff 50 ft deep bears
E. & W. - Descend towards Green River
80.00 On - Summit of ridge open 400 ft high bears
N.W. set a sandstone 15 x 10 x 4 ins. 10 ins. in
the ground for cor. to secos 19. 20. 29 & 30 marked
2 notches on S. and 5 on E. edges and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of
cor. fits impracticable
A cabin owned by Matt. Warner tho
notorious outlaw bears N. 23°30' W. 66 chs dist
Land broken mountains

Subdivisions of T. 1 N. R. 25. E.

obs. Soil 4 the rate - rocky
Timber, cedar piñon and juniper on 36.60 obs.
Mountainous on 80.00 obs

West on a random line.

Lat. secos 19 & 30

40.0 Lot temp $\frac{1}{4}$ sec. cor.
80.2 Interest W. Boley of Twp. 22 Mts. N. of cor. to
secs. 19, 24, 25 & 30 which is a quarry 22x15x
5 ins. marked and returned as described by
the Surveyor General
Plane & ram
N. $89^{\circ}51'$ E. on a true line
Lat secos 19 & 30

Second

21.00 Enter dividing ridge 800 ft. high between
ear's Draw and Ryegrass Canon
32. Year same - Second
40.12 Set a sandstone 36x24x14 ins. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high
N. of cor. Lots impracticable
63. Ryegrass Creek 2 Mts. wide 4 ins. deep runs N.
heads in Spring 5 obs. S. - in bottom of
Ryegrass Canon 100 ft. deep.
- 80.2 The cor. to secs 19, 20, 29 & 30
Land broken mountainous
Soil 4 the rate rocky
Timber scattering cedar on N. 40.00 obs
Mountainous on 80.24 obs

N. $0^{\circ}01'$ E. Lat secos 19 & 20

Subdivision of T. 1 N. R. 25 E.

obs.	
15.00	Resound along E. slope of ridge spur Enter Cedars
40.00	Set a sandstone 20x10x5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face A piston 12 ins. diam. bears S. 34° E. 38 lbs. dist marked 1/4 S. 20 B.T.
	A piston 10 ins. diam. bears S. 24° 50' W. 58 lbs. dist marked 1/4 S. 19 B.T.
48.00	Bulch 30 ft. deep drains N.E.
80.00	Set a sandstone 36x12x4 ins. 27 ins. in the ground for cor. to secs. 17. 18. 19 & 20 marked 3 notches on S. and 5 on E. edges from which A piston 6 ins. diam. bears S. 49° 15' W. 34 lbs. dist. marked T. 1 N. R. 25 E. S. 19 B.T.
	A piston 4 ins. diam. bears S. 21° E. 31 lbs. dist. marked T. 1 N. R. 25 E. S. 20 B.T.
	A cedar 8 ins. diam. bears N. 21° E. 38 lbs. dist. marked T. 1 N. R. 25 E. S. 19 B.T.
	A piston 6 ins. diam. bears N. 78° 10' W. 52 lbs. dist. marked T. 1 N. R. 25 E. S. 18 B.T.
	Hard broken sandstone
	Fold 4 th rate - rocky
	Timber cedar & piston on N. 65° obs.
	Moraineous on 80.00 obs

S. 89° 51' W. on a moraine line
bet secs. 18 & 19

40.00	Set tamps 1/4 sec. cor.
80.30	Intersect W. Bdy of Twp. 19 N. S. of the established cor. to secs 13. 18. 19 & 20 which is a quartzite 14x8x6 ins. marked and written as described by the Surveyor General Plane I now

Subdivision of T. 1 N. R. 25 E.

Sec.

N. 89° 59' E. on a true line
bet secs. 18 & 19

36. Sandstone ledge 25 ft. deep bears N. & S.
 40.1 Set a sandstone 20 x 19 x 4 in. 15 in. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
from which
A pinyon 10 in. diam bears N. 30° 20' W. 33
dist. marked $\frac{1}{4}$ S. 18 B. T.
A pinyon 10 in. diam bears S. 35° 10' E. 33 Ms.
dist. marked $\frac{1}{4}$ S. 19 B. T.
 46. Gulch 50 ft. deep drains N.E.
 7000. Yew cedars
 71.00 Ryegrass Creek 2 Ms. wide 2 in. deep runs
N. in Cañon 75 ft. deep.
 79. Ridge 50 ft. high bears N. & S.
 80.30 The cor to secs 17. 18. 19 & 20
land broken mountains
Soil 4th rate rocky
Timber pinyon and cedar on W. 7000 ft.
Mountainous on 80. 3000 ft.

August 27th 1898

N. 0° 01' E. bet secs 17 & 18

27. Yew cedars
 31.00 Cedar cedars
 4000. Falls on sandstone ledge. I cut a cross (+)
at the exact cor. point for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on
W. side
from which
A cedar 5 in. diam. bears S. 36° 15' W. 62 Ms.
dist. marked $\frac{1}{4}$ S. 18 B. T.
A cedar 6 in. diam bears S. 54° 15' E. 47 Ms.
dist. marked $\frac{1}{4}$ S. 17 B. T.
 48. Yew cedars

Subdivision of T. 1 N. R. 25 E.

obs.	
58.00	Cutter cedars
63.00	Bunch 15 ft. deep drains N.E.
80.00	Set a sandstone 20x14x8 ins. 15 ins. in the ground for cor. to secos. 7, 8, 17 & 18 marked 4 notches on S. and 5 on E. edges from which
	A piñon 8 ins. diam. bears N. 59° 10' E. 60 lbs. dist. marked T. 1 N. R. 25 E. S. 8 B.T.
	A piñon 10 ins. diam. bears N. 84° W. 42 lbs. dist. marked T. 1 N. R. 25 E. S. 7 B.T.
	A cedar 12 ins. diam. bears S. 44° 30' E. 35 lbs. dist. marked T. 1 N. R. 25 E. S. 17 B.T.
	A cedar 16 ins. diam. bears S. 65° 45' W. 68 lbs. dist. marked T. 1 N. R. 25 E. S. 18 B.T.
	Hard broken mountains
	Soil 4 th rate - rocky
	Timber piñon and cedar on 68.50 obs
	Mountainous on 80.00 obs

S. 59° 59' W. on a random line
Lat. secos. 7 & 18

40.00	Set temp 1/4 sec. cor.
80.34	Intersect N. Bdy of Sq. 23 W. S. of cor. to secos. 7, 12, 13 & 18 surface described Shrub 2 mm
	S. 89° 51' E. on a random line Lat. secos. 7 & 18

15.00	Second precipitions E. slope
	Cutter cedar covered bunch sloping E.
40.16	Falls on sandstone 8x14x3 feet above ground I cut a cross(+) at the exact cor. point for 1/4 sec. Cor. marked 1/4 on st. face from which
	A piñon 15 ins. diam. bears S. 79° 45' E. 24 lbs.

Subdivision of T. 1 N. R. 25 E.

- obs dist. marked $\frac{1}{4}$ S. 18 B. T.
 A cedar 15 in. diam. bears N. 35° 45' E. 25 ft.
 dist. marked $\frac{1}{4}$ S. 7 B. T.
 Cedar bunch descended
 51. Ryegrass Park (dry) in bottom of ravine
 5 ft. deep 2 obs. with drains N.
 62. Ridge spur 25 ft. high bears N.
 69.5 Hollow 20 ft. deep drains N.
 69.5 Ridge spur 20 ft. high bears N.
 70.0 Hollow 25 ft. deep drains N.
 77.50 Ridge spur 100 ft. high bears N.
 - 80.32 The cor. to secs. 7, 8, 17 & 18
 Land broken mountainous
 Soil 4th rate rocky
 Timber cedar and piñon on 65.32 obs.
 Mountainous on 80.32 obs

N. 001' E. bet secs 7 & 8

- 6.00 Hollow 20 ft deep drains N. W.
 7.50 N. point of ridge 30 ft. high
 4000 Set a sandstone 24 x 12 x 6 in. 18 in. in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 from which
 A cedar 20 in. diam. bears N. 35° 45' E. 5 ft.
 dist. marked $\frac{1}{4}$ S. 8 B. T.
 A piñon 15 in. diam. bears N. 55° 15' W. 12 ft.
 dist. marked $\frac{1}{4}$ S. 7 B. T.
 47. Hollow 25 ft deep drains N.E.
 56.00 Descend from cedar bunch
 63.5 Sandstone Cliff 25 ft. deep bears E. & W.
 63.4 Right bank of Green River. Set a sandstone
 20 x 12 x 4 in. 15 in. in the ground for Meander
 Cor. to fract. secs. 7 & 8 marked M. C. on N.
 and 5 grooves on E. face
 from which
 A cottonwood 12 in. diam. bears S. 44° 50' W.

Subdivision of T. 1 N. R. 25 E.

Obs. 118 lbs. dist. marked T. 1 N. R. 25 E. T. 8
M. C. B. T.

A cottonwood 5 ins. diam. bears N. 64° 30' E.
80 lbs. dist. marked T. 1 N. R. 25 E. T. 7 M. C. B. T.

Now measure across Green River with steel
tape and find the distance to 2.50 chs

6590 Left bank of Green River on S. edge of sand-
stone ledge 30 ft perpendicular above water
Put a cross (+) at the exact cor. point for
secs. 7 & 8 marked M. C. on S. and 5 grooves
on E sides
from which

A cedar 6 ins. diam. bears N. 31° E. 1.35 chs
dist. marked T. 1 N. R. 25 E. T. 8 M. C. B. T.

A cedar 6 ins. diam. bears N. 56° W. 75 lbs. dist.
marked T. 1 N. R. 25 E. T. 7 M. C. B. T.

Ascend

76.5 Green cedar - Enter S.W. cor. of high bench

80.00 Put a sandstone 16 x 12 x 6 ins. 11 lbs on the
ground for cor to secs. 5. 6. 7 & 8 marked
5 notches on S. & E. edges and raised a
stone 2 ft base 1½ ft. high W. of cor.
Ridge imperceptible

A cedar 10 ins. diam. bears S. 78° 30' W. 108 lbs.
dist. marked T. 1 N. R. 25 E. T. 7 B. T.

A cedar 15 ins. diam. bears N. 8° 30' W. 110 lbs
dist. marked T. 1 N. R. 25 E. T. 6 B. T.

No other trees within limits

Land broken mountainous

Soil 4th rate rocky

Tulip cedar & piñon on S. 76.50 obs

Mountainous on 80.th obs

N. 89° 51' W. on a random line
between secs. 6 & 7

6.00 Left bank of Green River. Set temp. M. C.

Subdivision of T. 1 N. R. 25 E.

- obs. I measure the distance across from River with steel tape and find it to be 6.50 obs
 12.50 Right bank of Green River. Set temp. M. C.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 79.82 Intercept W. Edge of Top. 30 ms. N. of cor.
 to secs 1. 6. 7 & 12 bentonite described
 Then I run
 W. $89^{\circ} 56'$ E. in a true line
 dist. secs 6 & 7
- Descent rocky ledges in cedar
 39.91 Set a sandstone 20 x 8 x 4 ins. 15 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
 from which
 A cedar 18 ins. diam bears N. $48^{\circ} 30'$ W. 36 ms.
 dist. marked $\frac{1}{4}$ S. 6 B.T.
 A cedar 16 ins. diam bears S. $18^{\circ} 30'$ W. 80 ms.
 dist. marked $\frac{1}{4}$ S. 7 B.T.
 42.50 Year cedars Enter broken bunch
 63.00 Year bunch, descent.
 67.32 Right bank of Green River Set a sandstone
 15 x 12 x 5 ins. 10 ins. in the ground for M. C.
 to front. secs. 6 & 7 marked M. C. on N.
 5 grooves on S. faces and raised a mound of
 stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Pts impracticable
- 73.82 Left bank of Green River. Set a sandstone
 15 x 12 x 5 ins. 10 ins. in the ground for M. C.
 to front. secs. 6 & 7 marked M. C. on N.
 5 grooves on S. faces and raised a mound of
 stone 2 ft. base $1\frac{1}{2}$ ft. high E. of cor.
 Pts impracticable
- A cedar 4 ins. diam. bears S. 90 W. 45 ms. dist
 marked T. 1 N. R. 25 E. S. 7 M. C. B.T.
 No other trees within limits
- Descent steep W. slope in scattering cedar
 79.02 Year scattering cedar - enter bunch
 - 79.82 The cor to secs 5. 6. 7 & 8
 Year broken mountain weed rolling
 Soil 4th & 2nd order

Subdivision of T. 1 N. R. 25 E.

- Obs Timber cedars on W. 42. 50 chs.
Mammoth on 79.82 chs
-
- N. 0°01' E. on a random line
bet secs. 5 & 6
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
42.93 Left bank of Green River Set temp M. C.
then I offset East 1.50 chs to a point
thence N. 0°01' E. 9.71 " to a point
thence West 1.50 " to
- 52.64 Left bank of Green River. Set temp M. C.
Intersect N. Bdy of Tp. at cor. to secs.
5. 6. 31 & 32 heretofore described
Hence I run
- S. 0°01 W. on a true line
bet. secs. 5 & 6
- Along rolling bench
10.00 High bench, devoid of scattering cedar.
24.30 Left bank of Green River Set a sandstone
18 x 14 x 6 ins. 12 ins. in the ground for M. C.
of fract. secs. 5 & 6 marked M. C. on S.
and 5 grooves on E. faces and raised a mound
of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor.
It's impracticable
- 37.01 Left bank of Green River Set a sandstone
20 x 11 x 6 ins. 15 ins. in the ground for M. C.
to fract. secs 5 & 6 marked M. C. on N.
and 5 grooves on E. faces and raised a
mound of stone 2 ft. base $1\frac{1}{2}$ ft high S. of cor.
It's impracticable
- 39.94 Ascend along broken W. slope
Set a sandstone 20 x 11 x 6 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which
A cedar tree. Diagonal bears S. 72°30' E. 20 ft.

Subdivision of T. 1 N. R. 25 E.

- 15 dist. marked $\frac{1}{4}$ S. 5 B. T.
A cedar 5 ins. diam. bears N. 68° 17'. 55 lbs.
dist. marked $\frac{1}{4}$ S. 6 B. T.
79. Year scattering cedar - Enter high bank
79.94 The cor. to secs. 5. 6. 7 & 8
land rocky slopes and rolling bank
Soil 4th and 2nd rate
Timber scattering cedar on 69.00 chs
Mountainous on 70.00 chs.

August 28th 1898

From the Standard cor. to sec 32 & 33
on the Salt Lake Base line T. 1 N. R. 25 E. Surv.
often described 2 min

N 8° 02' E. lies sec 32 & 33

- 1.00 Cross Creek 3 lbs. wide 3 ins. deep runs N.
23.00 Spring Branch 2 lbs. wide 3 ins. deep runs E.
run Spring 1.50 chs. W. - Charles Cross's
Barn bears E. 5.00 chs. dist
25. Charles Cross's Cabin bears N. 50 lbs. dist
and a coral bears E. 4.00 chs dist
- 27.00 Pine packing across "Cross's Branch"
N.W. & S.E.
- 27.50 Year "Branch" second, enter scattering cedars
40.00 On E. point of sandstone bluff 100 ft. high
"cut a cross(+) on the solid ledge at the exact
cor. point for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. side
from which
A piston 14 ins. diam. bears S. 2° 50' E. 180 lbs.
dist. marked $\frac{1}{4}$ S. 33 B. T.
A piston 9 ins. diam. bears S. 64° 37' W. 30 lbs.
dist. marked $\frac{1}{4}$ S. 32 B. T.
41. Second bluff bears N.W. & S.E.
46. Spring Branch 2 lbs. wide 3 ins. deep runs
E. in hollow 50 ft. deep.
- 80.00 Set a sandstone 24 x 10 x 8 ins. 18 ins. in the
- 52.50
27.50

Subdivision of T. 1 N. R. 25 E.

Obs.

and for cor to secs. 28, 29, 32 & 33
marked 1 notch on S. and 4 on E. edges
and raised a mound of stone 2 ft. base
1½ ft. high W. of cor.

It is impractical to

Land rolling bench and mountains
Silt 2nd and 4th rate, rocky
Timber scattering cedar on W. 52, 50 etc.
Mountains on W. 52, 50 obs

West on a random line
Lat. secs. 29 & 32

40.00 Set trap ¼ sec. cor.

80.28 Intersect W. & S. line 18 Mts. N. of cor. to
29, 30, 31 & 32
Then I run

W. 89° 52' E. on a true line
Lat. secs 29 & 32

Ascend

8.00 Summit of ridge over 500 ft. high bears S.
Second precipitous ledge

29.00 Enter broken hill over 50 ft. deep drains

40.14 Set a sandstone 16 x 10 x 6 ins. 11 ins. in the
mud for ¼ sec. cor. marked ¼ on N. fl.
from which

A piston 5 ins. down bears N. 58° E. 56 lbs.
dist. marked ¼ S. 29 B. S.

A piston 5 ins. down. bears S. 49° 45' E. 94 lbs.
dist. marked ¼ S. 32 B. S.

43.00 Bear hollow - ascend

54.00 Ridge over 200 ft. high bears S.

74.00 Bear hollow enter rolling bench

80.28 The cor to secs 28, 29, 32 & 33

Land mostly broken mountains
Silt 4th & 3rd rate rocky

Subdivisions of T. 1 N. R. 25 E.

Chs. Timber piñon cedar and mahogany on
N. 74.00 chs
Mountainous on 80. 28 chs

N. 0°02' E. dist. ons 28 & 29

- 9.00 Low rolling brush - ascend precipitous
sandstone ledges
- 40.00 Falls on sand-stone 4 x 2 $\frac{1}{4}$ x 1 $\frac{1}{2}$ ft. along
I cut a cross (+) at the exact cor. point for 1 $\frac{1}{4}$
sec cor. marked 1 $\frac{1}{4}$ on N. side and raised a
round of stone 2 ft. base 1 $\frac{1}{4}$ ft. high N. of cor.
Pits impracticable
- 50.00 Summit of ridge 2000 ft. above Grouse Creek
wrs E. & W.
- 75.00 Gulch 50 ft. deep drains N.E.
- 80.00 Falls on E. point of sandstone ledge 10 ft. high
N.E. & S.W. - I cut a cross (+) at the
act cor. point to secos 20. 24. 28 & 29 marked
2 grooves on S. and 4 on E. sides and raised
a round of stone 2 ft. base 1 $\frac{1}{4}$ ft. high N. of cor.
Pits impracticable
- A pine 6 ins diam. bars N. 10°30' E. 65 lbs.
dist. marked T. 1 N. R. 25 E. S. 21 B. T.
- A pine 6 ins. diam. bars S. 65° W. 17 lbs. dist
marked T. 1 N. R. 25 E. S. 29 B. T.
- A cedar 4. ins. diam. bars N. 50°15' W. 48 lbs.
dist. marked T. 1 N. R. 25 E. S. 20 B. T.
- No other trees within limits
- Land high broken mountainous
- Soil 4th rate - rocky
- Timber scattering piñon cedar and mahogany
Mountainous on 80.00 chs

Subdivision of T. 9 dt. R. 25 E.

obs

S. $89^{\circ} 52' W$ in a random line
lat. sec. 20 & 29

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.20 Intersect N. & S. line 19 lbs. S. of cor. to sec.
 19. 20. 29 & 30
 Thence down
 East on a true line
 lat sec. 20 & 29

- | | |
|-------|---|
| 5.00 | Enter cedars |
| 15.00 | Gulch 100 ft. deep drains N.W. ascend. |
| 2000 | Sandstone cliff 20 ft. high bears N.E. & S.W. |
| 32.50 | Same thick cedars now scattering |
| 40.10 | Set a sandstone 16 x 11 x 3 ins. 11 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
and raised a mound of stone 2 ft. base $1\frac{1}{2}$
ft. high S. of cor. Sets impracticable |
| 50.00 | Dividing ridge 800 ft. high bears N.E. & S.W.
descend |
| 80.20 | The cor. to secs. 20. 21. 28 & 29
Found broken mountains
Set 4 $\frac{1}{2}$ rats - rocky
Timber thick cedars on 27. 38 obs. scattering
on balance
Mountainous on 80. 20 obs |

N. $0^{\circ} 02' E.$ lat. sec. 20 & 21

- | | |
|-------|--|
| 7.50 | Ridge spur 500 ft. high bears E. |
| 11.00 | Gullon 75 ft. deep. drains E. ascend
precipitous sandstone ledges |
| 32.00 | Cliff 35 ft. high bears E. & W. |
| 40.00 | Enter broken plateau. Set a sandstone 30 x 20.
& 4 ins. 23 ins. in the ground for $\frac{1}{4}$ sec. cor. N
$\frac{1}{4}$ on W. face |

Subdivision of T. 1 N. R. 25 E.

chs.	<p>from which</p> <p>A cedar limb 4 in. diam. bears N. 31° 30' W. 11 dist. marked $\frac{1}{4}$ T. 20 B. T.</p> <p>A piñon 8 in. diam. bears S. 86° 45' E. 51 lbs. dist. marked $\frac{1}{4}$ T. 21 B. T.</p>
50.75	<p>N. edge of plateau 3500 ft. above Green River</p> <p>descend steep slope towards River</p>
74.00	Gulch 50 ft. deep drains N.W.
80.00	<p>Set a sandstone 20 x 18 x 2 in. 15 lbs. in the ground for cor. to sec. 16, 17, 20 & 21, ad</p> <p>Traces on S. and 4 on E. edges</p> <p>from which</p> <p>A piñon 6 in. diam. bears N. 53° 15' E. 29 lbs. dist. marked T. 1 N. R. 25 E. S. 16 B. T.</p>
	<p>A cedar 6 in. diam. bears S. 67° W. 41 lbs. dist. marked T. 1 N. R. 25 E. S. 21 B. T.</p> <p>A piñon 5 in. diam. bears S. 65° W. 16 lbs. dist. marked T. 1 N. R. 25 E. S. 20 B. T.</p> <p>A piñon 8 in. diam. bears N. 25° 15' W. 37 lbs. dist. marked T. 1 N. R. 25 E. S. 17 B. T.</p> <p>Land broken mountains</p> <p>Soil 4th rate rocky</p> <p>Timber piñon and cedar on 80.00 chs</p> <p>Mountainous on 80.00 chs.</p>
	<p>West on a random line</p> <p>lat. sec. 17 & 20</p>
40.00	<p>Set temp $\frac{1}{4}$ sec. cor.</p>
80.26	<p>Interest N. & S. line at the of cor to sec 17, 18, 19 & 20</p> <p>Three 1 mm</p>
	<p>East. on a true line</p> <p>lat. sec. 17 & 20</p>
6.00	Gulch 50 ft. deep drains N.E.
40.13	On ridge open 100 ft. high bears N.W. Set a

Subdivision of T. 1 N. R. 25 E.

- Chs. sandstone 20x7x4 ins. 15 ins. in the
 1/4 sec. cor. marked 1/4 on W. face.
 in which
- A dead cedar 12 ins. diam. bears S. 51° E. 16 lms
 dist. marked 1/4 S. 20 B. T.
- A dead cedar 24 ins. diam. bears N. 46° 40' W.
 8 lms. dist marked 1/4 S. 19 B. T.
- 73.00 Birch 50 ft. deep drains W.
- 80.26 The cor. to secs. 16, 17, 20 & 21
 Land broken mountains
 Till 4th date rocky
 Timber pinon and cedar on 80.26 chs
 Mountainous on 80.26 chs

At the cor. to secs. 16, 17, 20 & 21 in
 T. 1 N. R. 25 E. in Lat. 40° 49' N. Long 109°
 07' W. at 8 h. 53^{min}. P.M. - L.M.T. I laid
 Polaris at eastern elongation in accordance with
 instructions of the Manual and mark the
 line thus determined by a tack driven into a plug
 set in the ground 5 chs. W. of cor.

August 29 to 1898

August 30th 1898 At 7 A.M. L.M.T. I lay off
 the azimuth of Polaris 1° 38' to the west and near
 the meridian thus determined by a tack driven
 into a plug firmly set in the ground West of the point
 established last night. The magnetic bearing of said
 true Meridian is at 16° 01' W. which reduced by
 the table on page 100 of the Manual gives the mean
 mag. declination 15° 55' East.

From I now

N. 0° 02' E. but acc. 16 x 17.

- 2000 Ridge spur 600 ft. high bears W.
 Sandstone cliff 25 ft. deep bears E. & W.
 Set a sandstone 18x10x4 ins. 12 ins. in the
 ground fit 1/4 sec. cor. marked 1/4 on W. face

Subdivision of T. 1 N. R. 25 E.

	ches from which
	A cedar 15 ins. diam. bears N. 61° E. 71 lbs. marked 1/4 J. 16 B. T.
	A cedar 8 ins. diam. bears N. 12° W. 70 lbs. dist marked 1/4 J. 17 B.T.
50.50	Sandstone cliff 10 ft. deep bears E. & W.
55.00	Gulch 100 ft. deep drains W.
64.50	Ridge over 300 ft. high. bears N.W. - Second
73.00	Sandstone cliff 30 ft. deep bears E. & W.
80.00	Find a sandstone 20x8x6 ins. 15 ins. in the for cor. to sec. 8. q. 16 & 17 marked 4 notches on J. 6 E. edges from which
	A pinon 8 ins. diam. bears N. 69° 10' E. 24 lbs. dist marked T. 1 N. R. 25 E. J. 9 B.T.
	A pinon 10 ins. diam. bears J. 77° 45' E. 14 lbs. dist. marked T. 1 N. R. 25 E. J. 16 B.T.
	A dead cedar 15 ins. diam. bears N. 10° 10' W. 22 lbs. dist. marked T. 1 N. R. 25 E. J. 10 B.T.
	A dead cedar 12 ins. diam. bears J. 17° 45' W. 61 lbs. dist. marked T. 1 N. R. 25 E. J. 17 B.T.
	Land broken mountains
	Soil <u>4 th</u> rate - rocky
	Timber cedar & pinon on 80.00 chs.
	Mountains on 80.00 chs

West - in a random line
lat. secos. 8 & 17

40.05	1st temp. 1/4 sec. cor.
80.18	Interior W. & S. line 28 lbs. N. of cor to sec J. 8. 17 & 18
	Then 2 mm
	N. 89° 48' E. in a true line lat secos. 8 & 17
7.00	Gulch 50 ft. deep. drains W.

Subdivision of T. 1 N. R. 25 E.

obs

- 40.09 Set a sandstone 12 x 8 x 6 ins. 8 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which
A dead piñon 8 ins. diam. bears S. 13° E. 60 lbs.
dist. marked $\frac{1}{4}$ S. 17° B. T.
A cedar 10 ins. diam. bears N. 26° 10' W. 38 lbs.
dist. marked $\frac{1}{4}$ S. 8° B. T.
- 62.50 Ridge spur 300 ft. high bears Mtn.
80.18 The cor. to secs 8, 9, 16 & 17
Land broken mountains
Soil 4th rate rocky
Timber piñon and cedar on 80.18 obs
Mountainous on 80.18 obs

N. 0° 02' E. lat. secs. 8 & 9

Second precipitations N. slope

- 21.00 Foot of game
S. 33.00
40.00 Set a sandstone 15 x 9 x 4 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which
A cedar 12 ins. diam. bears N. 60° 15' W. 34 lbs.
dist. marked $\frac{1}{4}$ S. 8° B. T.
A cedar 18 ins. diam. bears S. 67° 45' E. 24 lbs.
dist. marked $\frac{1}{4}$ S. 9° B. T.
- 51.00 Cliff 15 ft. high bears E. & W.
53.50 Ridge spur 100 ft. high bears W. - Second
73.00 Right bank of Green River on N. edge of sand-
stone ridge 100 ft. above the water. I cut a
cross (4) at the exact cor. point for Meander cor.
to find. secs 8 & 9 marked M. C. on W. and 4 grooves
on E. sides
from which
A cedar 10 ins. diam. bears S. 59° 45' W. 58 lbs.
dist. marked T. 1 N. R. 25 E. S. 8 M. C. B. T.
A cedar 18 ins. diam. bears S. 42° 45' E. 20 lbs.

Subdivision of T. 1 N. R. 25 E.

Chs.	Dist. marked T. 1 N. R. 25 E. S. 9 M. C. B. T. I now measure distance across River with steel tape and find it to be 6.15 chs.
79.15	Left Bank of Green River on Edge of sand- stone ledge 100 ft. above the water I cut a cross H at the exact cor point for Meander cor. to prob. secos. 8 & 9 and mark M. C. on S. and 4 corners on E. edges and raised a mound of stone 2 ft high 1 1/2 ft. high off of cor. Sets imperceptible
- 80.00	Set a sandstone 19x8x3 in. in the ground for cor to sec. 4. 5 8 & 9 marked 5 notches on S. and 4 on E. edges from which A cedar 8 ins. diam. bears N. 64° 30' E. 19 lbs. dist. marked T. 1 N. R. 25 E. S. 4 B. T. A cedar 12 ins. diam. bears S. 44° 30' E. 62 lbs. dist. marked T. 1 N. R. 25 E. S. 9 B. T. A cedar 7 ins. diam. bears S. 26° 30' W. 40 lbs. dist. marked T. 1 N. R. 25 E. S. 8 B. T. A cedar 7 ins. diam. bears N. 46° 35' W. 90 lbs. dist. marked T. 1 N. R. 25 E. S. 5 B. T. Land broken mountainous Soil 4th rate - rocky Timber spruce and cedar on 80.00 chs Mountainous on 80.00 chs

S. 89° 48' W. in a random line
dist. sec. 5 & 8

4.50	Set temp. 1/4 sec. cor.
80.20	Intersect N. & S. line 29 lbs. S. of cor to sec 5. 6. 7 & 8 Hence I am
	East on a true line dist. sec. 5 & 8

Subdivision of T. 1 N. R. 25 E.

Obs.	
39.50	Enter dense cedars
40.10	Set a sandstone 18x8x4 ins. 14 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A cedar 4 ins. diam. bears $26^{\circ} 45' W.$ 6 lbs. dist. marked $\frac{1}{4}$ S. 8 P. T.
	A cedar 4 ins. diam. bears $N 26^{\circ} 45' W.$ 26 lbs. dist. marked $\frac{1}{4}$ S. 5 P. T.
80.20	The cor. to sec. 4. 5. 8 & 9 Land high broken bunch & mountains Soil 4 th rate rocky Timber Cedar on E. 40.70 obs. Mountainous on 80.20 obs

$7.0^{\circ} 02' E.$ on a random line
bet. secs 4 & 5

40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect N. Bdy of Tp. 36 Mrs. E. of cor. to secs. 4. 5. 32 & 33 hitherto described Thence down $7.0^{\circ} 13' E.$ on a true line bet. secs 4 & 5
40.30	Set a sandstone 20x15x5 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A pine 18 ins. diam. bears $24^{\circ} 37' W.$ 91 lbs. dist marked $\frac{1}{4}$ S. 5 P. T.
	A cedar 6 ins. diam. bears $5^{\circ} E.$ 105 lbs. dist. marked $\frac{1}{4}$ S. 4 P. T.
40.80	Leave rolling bunch - ascend - enter cedars.
68.00	Ascend steep rocky S. slope
80.30	The cor. to secs. 4. 5. 8 & 9 Land rolling bunch and mountains
$\frac{39.50}{\sqrt{0.20}}$	Soil 2 nd and 4 th rates

Subdivisions of T. 1 N. R. 25 E.

obs. Timber pinyon and cedar on S. 39.50 obs.
Mountainous on S. 39.50 obs

At the Standard cir. to sec. 33 & 34
on the Salt Lake Base line T. 1 N. R. 25 E. hereto
far described in Lat. $40^{\circ} 46' 00''$ Long. 109°
 $06'$ W. at 8 h. 49 m. P.M. - I saw
Polaris at eastern elongation in accordance
with the instructions of the Manual and mark
the direction thus determined by a tack driven
into a plug 5 obs. N. of cir.

August 30th 1898

August 31st 1898 - At 7 h. a.m. I. m. L. S.
off the azimuth of Polaris $1^{\circ} 38'$ to the west
and mark the meridian thus determined by a
tack driven into a plug firmly set in the ground
at the point established last night. The mag.
bearing of said true meridian is N. $15^{\circ} 55' W.$
which reduced by the table on page 100 of the
Manual gives the mean mag. declination $15^{\circ} 49'$
East.

Prince I. m.

N. $0^{\circ} 02' E$ lat. sec. 33 & 34

- 1.50 Spring Branch 3 lbs. wide 3 ins. deep runs W.
in fully 10 ft. deep
- 2.000 Same "dead" or broad hollow, enter cedars, second.
- 4.000 Set a sandstone 18 x 14 x 6 ins. 12 ins. in the ground
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
" which
- A pinyon 12 ins. diam bears S. $42^{\circ} 40' E.$ 37 lbs.
dist. marked $\frac{1}{4}$ f. 34 B. F.
- A pinyon 12 ins. diam bears N. $42^{\circ} 20' W.$ 13 lbs.
dist. marked $\frac{1}{4}$ f. 33 B. F.
- 44.50 Ridge spur 200 ft. high bears W. same
cedar & pine - enter Mahogany.

Subdivision of T. 1 N. R. 25 E.

obs	
75.00	Land mahogany - Enter "draw" drains W. Set a sandstone 20 x 11 x 10 ins. 15 ins. in the ground for cor. to sec 27. 28. 33 x 34 marked, notches on S. and 3 on Edges and raised a mound of stone 2 ft. base 11 ft. high N. of cor. Also impractical
80.00	Land rolling hollow and broken mountain Soil 2 nd and 4 th rate
55.00	Timber cedar piñon and Mahogany on 55.00 obs
25.00	Mountainous on 55.00 obs

West on a random line
Set sec 28 & 33

40.00	Set fence 1/2 ac. cor.
80.00	Interval N. & S. line at cor. to sec 28. 29. 32 & 33
	Then I now
	East on a true line
	Set sec 28 & 33

14.50	Ridge spur 50 ft. high near S. Reservoir Enter "Cross's Draw"
20.00	Gully 15 ft. deep drains N.E.
24.00	Set a sandstone 12 x 12 x 7 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 11 ft. high N. of cor.
40.00	Also impractical
55.00	Cross Creek 5 lbs. wide 8 ins. deep runs N. The cor. to sec. 27. 28. 33 & 34
80.00	Land rolling hollow and mountainous Soil 2 nd & 4 th rate
20.00	Timber scattering cedar on W. and
60.00	Mountainous on W. 20.00 obs

Subdivisions of T. 1 N. R. 25 E.

Sps	
	$N. 0^{\circ} 02' E.$ but sec. 27 & 28
26.00	Lean draw - ascend - enter cedars
31.00	Ridge spur 100 ft. high bears S.W.
40.00	Set a sandstone 20 x 10 x 6 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which
	A cedar 15 ins. diam. bears $N. 82^{\circ} 15' E.$ 18 dist. marked $\frac{1}{4}$ S. 27 B.T.
	A piñon 10 ins. diam. bears $S. 56^{\circ} 30' W.$ 68 lbs. dist. marked $\frac{1}{4}$ S. 28 B.T.
65.00	Canyon 100 ft. deep drains S.W.
80.00	Falls on sandstone 5 x 3 x 1 ft. above ground.
<u>54.00</u>	I cut a cross (4) at the exact cor. point for cor. to secs. 21, 22, 27 & 28 and marked 2 notches in I. and 3 in E. edges
<u>26.00</u>	from which
	A piñon 12 ins. diam. bears $N. 64^{\circ} 58' E.$ 38 lbs. dist. marked T. 1 N. R. 25 E. S. 22 B.T.
	A piñon 10 ins. diam. bears $S. 66^{\circ} E.$ 35 lbs. dist marked T. 1 N. R. 25 E. S. 27 B.T.
	A piñon 6 ins. diam. bears $N. 54^{\circ} 40' W.$ 45 lbs. dist. marked T. 1 N. R. 25 E. S. 21 B.T.
	A piñon 5 ins. diam. bears $S. 44^{\circ} 45' W.$ 24 lbs. dist. marked T. 1 N. R. 25 E. S. 28 B.T.
	Hand rolling hollow and broken mountains Soil 2 nd and 4 th rate
	Timber piñon and cedar on N. 54.00 chs Mountainous on N. 54.00 chs

West on a random line
but secs. 21 & 28

40.00	Set traps $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line at cor. to secs 20, 21, 28 & 29

Subdivision of T. 1 N. R. 25 E.

Dist. 7 miles S. from

East on a true line

Lat. secs. 21 & 28

Descend

- 18.00 Rocky gulch 25 ft. deep drains N.E.
Soil a sandstone 16x14x5 ins. 11 ins. in the
round for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which
A piñon 4 ins. diam. bears N. $2^{\circ} 40'$ W. 57 $11'$
dist marked $\frac{1}{4}$ S. 21 B.T.
A piñon 12 ins. diam. bears S. $51^{\circ} 05'$ E. 73 lbs. di.
marked $\frac{1}{4}$ S. 28 B.T.
- 53.60 Cliff 20 ft. deep bears N. 45 S.
54.90 Creek Creek 4 lbs. wide 6 ins. deep runs N.
in bottom of canon 100 ft. deep. - Second
- 56.50 Cliff 20 ft. high bears N. 45 S.
65.00 Cliff 50 ft. high bears N.E. & S.
80.00 The cor. to secs 21, 22, 27 & 28
land broken mountains
Soil 4 $\frac{1}{2}$ rate rocky
Timber Cedar & piñon on 8000 obs
Mountainous on 8000 obs

N. $0^{\circ} 02'$ E. lat secs 21 & 22

- 11.00 Bear plateau, descend cliffs on E. side of
Crown's Canon
33. Crown Creek 7 lbs. wide 6 ins. deep runs N.E.
in canon 200 ft. deep; worn on W. side of
canon
- 35.50 Crown Creek 7 lbs. wide 6 ins. deep runs N.W.
Bear Canon - second cliffs
- 40.00 Falls in sandstone 10x4x3 ft. above ground
I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. side
from which

Subdivision of T. 1 N. R. 25 E.

obs	A pinon 12 ins. diam. bears N. 81° 45' W. 19 lks. dist. marked 1/4 S. 21 B. T.
	A pinon 26 ins. diam. bears N. 64° 57' E. 14 lks. dist marked 1/4 S. 22 B. T.
48.00	Top of cliffs, enter plateau.
80.00	Falls on sandstone 3 x 2 x 1 1/2 ft above ground I cut a cross(+) at the exact cor. point for cor to secs. 15. 16. 21 & 22 marked 3 grooves on S. & E. and 1 st. on N.E. and 25 E. on S.E. sides from which
	A pinon 14 ins. diam. bears S. 55° 30' W. 8 lks. dist marked T. 1 N. R. 25 E. S. 21 B. T.
	A pinon 12 ins. diam. bears N. 67° 18' E. 27 lks. dist marked T. 1 N. R. 25 E. S. 15 B. T.
	A pinon 10 ins. diam. bears S. 60° 35' E. 31 lks. dist marked T. 1 N. R. 25 E. S. 22 B. T.
	A pinon 10 ins. diam. bears N. 40° 15' W. 46 lks. dist marked T. 1 N. R. 25 E. S. 16 B. T.
	Land precipitous mountains Slopes 4 to 6 - rocky Timber Cedar & pinon on 8000 obs Mountainous on 8000 obs

West on a random line
bet secs 16 & 21

28.93	Top of breaks in Cross Canon across which I cannot chain I therefore place a flag on line on W. side of canon and measure a base 5.30 obs N. to a point from which flag on line bears S. 77° 15' E. the nat. catog. of which $4:419 \times 5.30 = 23.42$ obs the distance from triangulation point to flag
33.22	At foot of inaccessible cliffs in canon, set temp 1/4 sec. intervals, further chaining becomes im- practicable and I resort to
52.35	flag triangulation point, ^{totang. w. 1/4 sec. intervals} resume chaining
80.30	Intersect N. & S. line 24 obs. S. of cor. to secs

Subdivision lines T. 1 N. R. 25 E.

16-17. 20 & 21

Three I min

I. 89°30' E. on a true line
bet secs. 16 & 21

- 8.00 Enter plateau
- 27.9 Top of Cross Canon breaks set a sandstone
18x10x4 in. 12 in. in the ground for $\frac{1}{4}$ sec. W.C.
marked $\frac{1}{4}$ W.C. on N. face
from which a recent log cabin bears N. 30°30' E. 400 ft. dist.
A pinyon 5 in. diam bears I. 84°30' W. 39 lbs.
dist. marked $\frac{1}{4}$ S. 21 W.C. B.T.
- A pinyon 4 in. diam bears N. 30°20' W. 45 lbs.
dist. marked $\frac{1}{4}$ S. 16 W.C. B.T.
- 40.15 The true $\frac{1}{4}$ sec. point falls in inaccessible cliffs
cannot be established.
- 44.08 At foot of inaccessible cliff I cut a cross(+)
in the face of the cliff for witness $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ W.C. on N. side of same
from which a pinyon 4 in. diam bears N. 22° E.
1000 ft. dist. marked $\frac{1}{4}$ S. 16 W.C. B.T.
- A Box Elder 8 in. diam bears I. 52° E. 200 ft.
dist. marked $\frac{1}{4}$ S. 21 W.C. B.T.
- 48.01 Cross Creek 5 ft. wide 5 in. deep runs N.
in bottom of Canon 200 ft. deep ascends
Top of cliffs on E. side of Cross Canon
- 51.37 The cor. to secs 15. 16. 21 & 22
- 80.30 Hand broken marmations
Soil 4th rate rocky
Timber pinyon and cedars on 80.³⁰ lbs
Marmations in 80. 30 obs
- August 31st 1898

N. 02' E. bet secs. 15 & 16

- 5.00 Ridge 200 ft. high bears E. & W.
Placed
- 4.00 Falls on sandstone 4x3x1 $\frac{1}{2}$ ft. above ground.
I cut a cross(+) at exact cor. point for $\frac{1}{4}$ sec.

Subdivision of T. 1 N. R. 25 E.

obs cor. and marks $\frac{1}{4}$ on W. side
from which

A pinon 5 ins. diam. bears N. $80^{\circ}40' E.$ 21 lbs.
marked $\frac{1}{4}$, S. 15 B.T.

A pinon 5 ins. diam. bears S. $83^{\circ}35' W.$ 34 lbs.
dist. marked $\frac{1}{4}$ S. 16 B.T.

53.00 Enter Cross Canyon 200 ft. deep drains N.E.
55.6 Road bears E. & W.

70.50 Game Creek 5 lbs. wide 4 ins. deep runs E.
ascend.

- 80.00 Set a sandstone 18x10x7 ins. 12 ins. in the
+ cor. to sec. 9, 10, 15 & 16 marked 4 notches
on S. and 3 on E. edges
from which

A pinon 7 ins. diam. bears N. $76^{\circ}30' W.$ 17 lbs. dist.
marked T. 1 N. R. 25 E. S. 9 B.T.

A pinon 10 ins. diam. bears N. $38^{\circ}48' E.$ 31 lbs.
marked T. 1 N. R. 25 E. S. 10 B.T.

A pinon 7 ins. diam. bears S. $11^{\circ}54' E.$ 66 lbs. dist.
marked T. 1 N. R. 25 E. S. 15 B.T.

A cedar 18 ins. diam. bears S. $39^{\circ}41' W.$ 105 lbs
marked T. 1 N. R. 25 E. S. 16 B.T.

Sand mountain slopes & ledges

Fir 3rd 4th rate - rocky

Timber - Cedar and Pinon on 80.00 obs

Mountains on 80.00 obs

N. $89^{\circ}50' W.$ on a random line
bet. secs 9 & 16

4000 Set temp $\frac{1}{4}$ sec. cor.

80.12 Intercept N. & S. line 14 lbs. N. of cor. to
secs. 8, 9, 16 & 17

Three I mm

S. $89^{\circ}56' E.$ in a true line
bet. secs. 9 & 16

Ascend

Subdivision of T. 1 N. R. 25 E.

Chs.	
22.50	Cutter plateau 600 ft. high
40.06	Set a sandstone 16 x 7 x 4 in. 11 in. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Its impracticable
50.50	Same plateau - Dried
80.12	The cor. to secs. 9, 10, 15 & 16 Found broken mounds Soil 4 th rate - rocky Timber scattering pinyon and cedar. Mountainous on 80.12 chs

N. 0° 02' E. lat. secs. 9 & 10

4.00	Gully 20 ft deep drains S.E.
7.00	" " " "
37.00	Ridge open 150 ft. high bears E.
40.00	Falls on solid sandstone ledge. I cut a cross at the exact cor. point for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side from which
	A pinyon 12 in. diam. bears S. 41° 45' E. 39 ft. dist. marked $\frac{1}{4}$ S. 10 B.T.
	A pinyon 12 in. diam. bears N. 88° 30' W. 23 lbs. dist. marked $\frac{1}{4}$ S. 9 B.T.
60.90	Right bank of Green River falls on solid ledge 40 ft. above the water. I cut a cross at the exact cor. point for timber cor. to fall. secs. 9 & 10 marked W.C. on W. and 3 groves on E. sides of same and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. Its impracticable
	No bearing trees available cedar being scattered I measure the distance across Green River with steel tape and find it to be 5.35 chs

Subdivision of T. 1 N. R. 25 E.

O.P.S.

- 66.25 Left bank of Green River. On S. edge of cliff 40 ft. high nearly perpendicular above water. Set a sandstone $30 \times 12 \times 3$ ins. 23 ins. in the for meander cor. of sec. s.s. 9 & 10 marked M.C. in S. and 3 grooves on E. from which A cedar 6 ins. diam. bears N. 86° W. 86 lbs. dist. marked M.C. T. 1 N. R. 25 E. S. 9 B.T. A cedar 3 ins. diam. bears N. 38° E. 53 lbs. dist. marked M.C. T. 1 N. R. 25 E. S. 10 B.T.
- 80.00 Set a sandstone $15 \times 7 \times 5$ ins. 10 ins in the ground for cor. to sec. 3. 4. 9 & 10. marked 5 on S. and 3 on E. edges and raised a mound stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Sets impracticable Hand broken mountains Soil 4th rate - rocky Timber cedar and piñon on S. 60.90 chs scattering Mountains on 8000 chs
- N. $79^{\circ} 56'$ W. on a random line but. sec. 4 & 9
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.64 Intersect N. & S. line 10 lbs. N. of cor to sec. 4. 5. 8 & 9
Through 2 mm East on a true line but. sec. 4 & 9
- 39.82 Second Falls on solid sandstone ledge. I cut a cross (4) at the exact cor. point for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. side and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high. N. of cor. Sets impracticable

Subdivision of T. 1 N. R. 25 E.

chs.
46. Summit of broad ridge 500 ft. high
N. & S. Disced
79.6 The cor. to secos 3. 4. 9 & 10
Laid broken mountains
Soil 4th rate rocky
Timber scattering piñon & cedar
Mountains on 79. 64 chs.

N. 0° 0' E. on a random line
bet. secos 3 & 4

40.00 Set fence $\frac{1}{4}$ sec. cor.
80.40 Extended N. Bdy. of Twp. 19 Mr. E. of cor to
3. 4. 33 & 34 heretofore described
Thence I m
S. 0° 06' E. on a true line
bet. secos 3 & 4

12.00 Road bears N.W. & S.E.
40.40 Set a quantity 14 x 6 x 6 ins. 10 ins in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits
18 x 18 x $\frac{1}{2}$ ins. N. & S. of stone 3 ft. dist. and
raised a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft
high W. of cor.
48.00 Lean rolling brush Disced.
54.50 Gulch 50 ft. deep drains S.E.
74.00 Ridge 100 ft high bears N.W. & S.E.
79.40 Gully 20 ft deep drains S.E.
80.40 The cor to secos 3. 4. 9 & 10
32.40 Laid rolling brush and broken hills
48.00 Soil 1st and 3rd rate
Timber a few cedars on S. 10.00 chs.
Mountains on S. 32. 40 chs

Subdivision of T. 1 N. R. 25 E.

obs.

At the Standard cor to sec. 34 & 35
on the Salt Lake Base line heretofore
in Lat. $40^{\circ}46' N.$ $109^{\circ}05' W.$ at 8 h. 41 m.
P.M. I observe Polaris at eastern
elongation in accordance with
of the manual and mark the line thus
determined by a tack driven into a peg set
in the ground 5 chs. fr. of cor.

September 1st 1898

September 2nd 1898 At 7 h A.M. I lay
off the azimuth of Polaris $1^{\circ}38'$ to the west
and mark the true meridian thus deter-
mined by a tack driven into a peg firmly set in the
ground west of the point established last night.
The magnetic bearing of said true Meridian
is $N. 15^{\circ}56' W.$ which reduced by the table
on page 100 of the Manual gives the mean
magnetic declination $15^{\circ}53'$ East

Then I run

$N. 0^{\circ}03' E.$ bet sec. 34 & 35

1.50	Second sandstone cliff 35 ft. deep bears N.E. & S.W. - Enter grassy draw drains S.W. face draw. - Enter cedar & pine -
34.00	Second precipitous ledge
40.00.	Falls on sandstone 8x5x3 ft above ground I cut a cross H. at the exact cor. point for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side from which
	A piston 6 ins. diam. bears $N. 76^{\circ}24' E.$ 12 ft. dist. marked $\frac{1}{4}$ S. 35 P.T.
	A piston 6 ins. diam. bears $N. 38^{\circ}49' W.$ 19 ft. dist. marked $\frac{1}{4}$ S. 34 P.T.
56.00	Top of ridge 200 ft. high bears E. & W.
80.00	Set a sandstone 15x11x5 ins. 10 ins. in the ground for cor. to sec. 26. 27. 34 & 35
57.50 57.50 37.50	

Subdivision of T. 1 N. R. 25 E.

do

marked 1 notch on S. and 2 on on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable

A piñon 4 ins. diam. bears S. $21^{\circ} 40' E.$
20 lbs. dist. marked T. 1 N. R. 25 E. S. 35 B. T.

A piñon 5 ins. diam. bears S. $35^{\circ} 53' W.$ 70 lbs.
dist. marked T. 1 N. R. 25 E. S. 34 B. T.

A mahogany 5 ins. diam. bears N. $86^{\circ} 26' E.$ 23
lbs. dist. marked T. 1 N. R. 25 E. S. 26 B. T.

No other trees within limits

Land mountainous and rolling

Soil 4th and 2nd rate

Timber - Cedar and piñon on 44.50 acrs.

Mountainous on 44.50 acrs

West on a random line
bet secs. 27 & 34

40.00 Set traps $\frac{1}{4}$ sec. cor.

80.00 Intersect N. & S. line at cor. to secs 27
28. 33 & 34

Three 2 min.

East on a true line
bet secs 27 & 34

24.00 Leave "draw" - Second - Enter scattering
piñon & cedar

40.00 Set a sandstone 15x8x4 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
from which

A piñon 5 ins. diam. bears N. $87^{\circ} 33' W.$ 101 lbs.
dist. marked $\frac{1}{4}$ S. 24 B. T.

A piñon 4 ins. diam. bears S. $11^{\circ} 15' W.$ 176 lbs.
dist. marked $\frac{1}{4}$ S. 34 B. T.

80.00 The cor. to secs. 26. 27. 34 & 35

Land rolling hollow and broken mountainous

$\frac{53.00}{27.00}$

Subdivision of T. 1 N. R. 25 E.

- ochs Soil 2nd and 4th rate
Timber scattering pine and cedar on E. 53rd
ochs.
Mountainous on E. 53.00 ochs

East on a true line
lat. sec 26 & 35

- 35.00 Have cedar and Mahogany - Ascend
steep Mtn. slope
- 4000 Set a sandstone 15x8x6 in. 10 in. in the
for 1/4 sec. cor. marked 1/4 on N. face
and raised a mound of stone 2 ft. base 1 1/2 ft
N. of cor.
Its impracticable
- 62.7 Ridge spur 800 ft high bears S.W. - Enter
cedars
- 79.20 Intersect Utah - Colorado Bdy. line N. 1023'
E. 19.56 ochs from mile cor. No 262 hence
described. At point of intersection
stands a piñon 14 in. diam. for closing cor.
secs. 26 & 35 marked C. C. T. 1 N. R. 25
E. on W. S. 26 on N. and S. 35 on E. sides
1 grove on S. and 5 on N. sides
from which
A piñon 10 in. diam. bears S. 53° 15' W. 67 lbs.
dist marked T. 1 N. R. 25 E. S. 35 C. C. B. T.
A piñon 12 in. diam. bears N. 50° W. 20 lbs.
dist marked T. 1 N. R. 25 E. S. 26 C. C. B. T.
Land high broken plateau and mountain slopes
at 3rd & 4th rate rocky
Timber Mahogany piñon and cedar on 51. 45 ochs
" mountainous on 79. 20 ochs

Subdivision of T. 1 N. R. 25 E.

obs.

N. 0° 03' E. but secs. 26 & 27

- 21.7
40.00
- Boulders 25 ft. deep drains W.
Set a sandstone 18 x 10 x 6 ins. 12 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W.
from which
- A piñon 9 ins. diam. bears N. 40° 53' E.
28 lbs. dist. marked $\frac{1}{4}$ S. 26 B. T.
- A piñon 12 ins. diam. bears S. 75° 30' W. 32 ft.
dist. marked $\frac{1}{4}$ S. 27 B. T.
- 65.00
80.00
- Ridge spur 800 ft. high bears S. W.
Set a sandstone 20 x 8 x 6 ins. 15 ins. in the
for cor to secs 22. 23. 26 & 27 marked 2
notches on S. & E. edges and raised a m.
of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
Set impracticable
- A piñon 4 ins. diam. bears S. 15° 33' E. 36 lbs.
dist marked T. 1 N. R. 25 E. S. 26 B. T.
- A piñon 5 ins. diam bears N. 72° 16' E. 32
lbs. dist. marked T. 1 N. R. 25 E. S. 23 B. T.
- A piñon 4 ins diam bears S. 26° 15' W 11 lbs.
dist. marked T. 1 N. R. 25 E. S. 27 B. T.
- No other trees within limits
- Hard broken mountains
Soil 4th rate - rocky
Timber cedar, piñon & mesquary on 8000 ft
Mountains on 80.00 obs

West on a random line
but secs. 22 & 27

- 40.00
80. 22
- Set trap $\frac{1}{4}$ cu. cor.
Entered N. & S. line 36 lbs. N. of cor. to secs
21. 22. 27 & 28
Shrub 3 mm

Subdivision of T. 1 St. R. 25 E.

do

N. 89° 45' E. on a true line
Dist. acco 22 & 27

- 3007 Ditch 50 ft. deep drains S.W.
40.11 Set a sandstone 20 x 11 x 3 ins. 15 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W. face
from which
A piston 10 ins. diam. bears N. 73° 07' 8 lbs. dist
marked 1/4 I. 27 B.T.
A piston 5 ins. diam. bears N. 75° 15' E. 31 lbs.
dist. marked 1/4 I. 22 B.T.
44.50 Ridge 200 ft. high bears N.E. & S.W.
7577 Ditch 50 ft. deep drains S.W.
- 80.24 The cor. to acco 22. 23. 26 & 27
Found broken mountains
Set 4th rate - rocky
Timber cedar, pine & mahogany on 80. 2m obs.
Mountains on 80. 2m obs.

East on a true line
Dist. acco 23 & 26

Second

- 13.07 Cedar broken plateau
4000 Set a sandstone 24 x 14 x 4 ins. 18 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W. face
from which
A cedar 20 ins. diam. bears N. 90° 34' E. 36 lbs.
Dist. marked 1/4 I. 23 B.T.
A cedar 5 ins. diam. bears N. 18° 45' W. 54 lbs.
Dist. marked 1/4 I. 26 B.T.
- 81.14 Intersect Utah Colorado Ry. line N. 0° 29' E.
20.23 obs from side cor. at 263 feet upon
described. At point of intersection set a sand-
stone 22 x 12 x 4 ins. 15 ins. in the ground for closing
gap to cor 23 & 26 marked C.C. on W. 44 lbs

Subdivision of T. 1 N. R. 25 E.

obs	<p>2 groves on S. and 4 on N. faces from which</p> <p>A piñon 5 ins. diam. bears N. $77^{\circ} 44' W.$ 42 lbs. dist. marked T. 1 N. R. 25 E. T. 23 C. C. B. T.</p> <p>A piñon 7 ins. diam. bears S. $44^{\circ} 50' W.$ 66 lbs. dist. marked T. 1 N. R. 25 E. T. 26 C. C. B. T.</p> <p>Land mostly broken plateau Soil 4th rate - rocky Timber Cedar & piñon on 81:14 obs. Mountainous on 81:14 obs</p>
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September 2nd 1898

$W. 0^{\circ} 03' E.$ bet sec. 22 & 23

11.25	Gulch 50 ft. deep drains S. W.
40.00	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on N. face from which
44.70	A piñon 10 ins. diam. bears S. $32^{\circ} 44' W.$ 41 lbs. dist. marked $\frac{1}{4}$ T. 22 B. T.
8.00	A piñon 20 ins. diam. bears N. $75^{\circ} 35' E.$ 27 lbs. dist. marked $\frac{1}{4}$ T. 23 B. T.
44.70	Ridge 3000 ft. above Green River bears N.E. & S.W. - turned towards River.
8.00	Set a sandstone 20 x 15 x 4 ins. 15 ins. in the ground for cor. to sec. 14. 15. 22 & 23 marked 3 notches on S. and 2 on E. edges. from which
	A cedar 5 ins. diam. bears T. $41^{\circ} 45' W.$ 19 lbs. dist. marked T. 1 N. R. 25 E. T. 22 B. T.
	A piñon 6 ins. diam. bears N. $45^{\circ} 15' W.$ 25 lbs. dist. marked T. 1 N. R. 25 E. T. 15 B. T.
	A piñon 6 ins. diam. bears N. $6^{\circ} 25' E.$ 33 lbs. dist. marked T. 1 N. R. 25 E. T. 14 B. T.
	A piñon 5 ins. diam. bears T. $36^{\circ} E.$ 48 lbs. dist. marked T. 1 N. R. 25 E. T. 23 B. T.
	Land mountainous plateau and slopes

Subdivision of T. 1 N. R. 25 E.

obs
on 4th rate - rocky
Timber pinyon and cedar on 80.00 obs.
Mountainous on 80.00 obs

S. 89° 45' W. on a random line
lat. sec. 15 & 22

40.00 Set temp. 1/4 ac. cor.
80.28 Intersect N. & S. line 20 ft. S. of cor. to
secs. 15, 16, 21 & 22
Then westward

N. 89° 54' E. on a true line
lat. sec. 15 & 22

30.00 Top of flat ridge 200 ft high bears N. &
40.14 Set a sandstone 22 x 10 x 5 ins. 16 ins. in
ground for 1/4 ac. cor. marked 1/4 on N. face
and raised a mound of stone 2 ft. base 1/4
high N. of cor.
Set impracticable
52.00 Gulch 50 ft. deep drains N.E.
80.28 The cor. to secs 14, 15, 22 & 23
Land broken mountain plateau
Soil 4th rate - rocky
Timber scattering pinyon & cedar
Mountainous on 80.28 obs

East on a true line
lat. sec. 14 & 23

Second

40.00 Falls on solid sandstone ledge. I cut
a cross (4) at the exact cor. point for 1/4 ac. cor.
and mark. 1/4 on N. side of same
from which

Subdivision of T. 1 N. R. 25 E.

014. A piston 5 ins. diam. bears S. $32^{\circ}30'$ W.
20 lbs. dist. marked $\frac{1}{4}$ I. 23 B. T.
A piston 8 ins. diam. bears N. $60^{\circ}10'$ E. 49 ft.
dist marked $\frac{1}{4}$ I. 14 B. T.
- 445.00 Summit of ridge 2500 ft. above Green River
bears N.E. & S.W. - Now along broken N.E.
slope
- 81.99 Intersect Utah - Colorado Bdy. line 1.59
cts. N. of witness cor. to mile cor. No 264
herefore described. At point of intersection
I set a set of sandstone 18 x 10 x 5 ins. 12 ins.
in the ground for closing cor. to eas. 14 & 23
marked C. C. on N. with 3 grooves on E. & S. faces
from which
A piston 8 ins. diam. bears N. $49^{\circ}50'$ W. 33 lbs.
dist. marked F. 1 st. R. 25 E. S. 14 C. C. B. T.
A piston 9 ins. diam. bears S. $59^{\circ}15'$ W. 48 lbs.
dist. marked F. 1 st. R. 25 E. S. 23 C. C. B. T.
Sand broken mountainous
Soil 4th rate - rocky
Timber Cedar & piston in 81.99 obs
Miscellaneous in 81.99 obs

N. 0°05' S. Set obs. 14 & 15

- 5.00 Hill 30 ft. deep drains N.
Sandstone cliff 20 ft. high bears N.E. & S.W.
Sandstone cliff 15 ft. high bears N.E. & S.W.
Crown 100 ft. deep drains N.E.
Set a sandstone 20 x 10 x 3 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ in N. face
from which
A piston 4 ins. diam. bears N. $12^{\circ}30'$ E. 26 lbs.
dist marked $\frac{1}{4}$ I. 14 B. T.
A cedar 8 ins. diam. bears S. $87^{\circ}45'$ W. 21 lbs. dist.
marked $\frac{1}{4}$ I. 15 B. T.

Subdivision of T. 1 N. R. 25 E.

obs.

- 55.00 Ridge open 150 ft. high bears N.E.
 79.2 Sandstone cliff 15 ft. high bears N.E. & S.W.
 - 80.00 Enter high rolling bench, bear cedars. Set
 20 x 12 x 3 ins. 15 ins. in the ground for
 Cor. to secs 10, 11, 14 & 15, marked 4 notches on
 3 on E. edges and raised a mound of stone
 2 ft. bear 1½ ft. high W. of cor.
 Sets impracticable
 A piñon 4 ins. diam. bears. S. 24° 30' N. 66° E. dist.
 marked T. 1 N. R. 25 E. S. 15 B.T.
 A piñon 5 ins. diam. bears. S. 58° E. 67 lbs. dist
 ad T. 1 N. R. 25 E. S. 14 B.T.
 A piñon 5 ins. diam. bears. S. 71° 30' E. 38 lbs.
 (T. 1 N. R. 25 E. S. 11 B.T.)

No other trees within limits.

Land broken mountains

Soil 4th rate - rocky

Timber piñon & cedar on 8,000 obs

Mountainous on 8,000 obs

S. 89° 54' W. on a random line
 bet. secs 10 & 15

- 40.00 Set temp ¼ ac. cor.
 79.9 Interest N. & S. line 42 lbs S. of cor. to secs
 9, 10, 15 & 16.
 Thinn 1 mm

S. 89° 48' E. on a true line
 bet. secs 10 & 15

Record

- | | |
|-------|--|
| 4.00 | Enter Canner Cañon 75 ft deep drains N.E. |
| 10.50 | Canner Creek 8 lbs. wide 6 ins. deep runs N.E. |
| 11.00 | Leave Cañon - Ascend |
| 24.00 | Leave scattering piñon & cedar - Enter bench |
| 34.40 | Road bears N.E. & S.W. |

Subdivision of T. 1 N. R. 25 E.

ch.	
39.95	Set a sandstone 300 x 16 x 3 ins. 23 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on st. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Sets impracticable
49.90	The cor. to secs 10, 11, 14 & 15 Land mostly rolling brush Soil 2 nd & 3 rd rate Timber scattering cedar & pine on W. 23.90 chs. Mamutarium on W. 23.90 chs
73.90 36.00	

E
East on a true line
set secs. 11 & 14

	Second
1.00	Sandstone cliff 10 ft. high bears N.E. & S.W.
7.50	Enter cedars - Ridge spur 50 ft. high bears N.E.
10.00	Canyon 50 ft. deep drains N.E.
15.00	Ridge spur 40 ft. high bears N.
40.00	Set a sandstone 22 x 10 x 4 ins. 16 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on st. face from which
	A pine 10 ins. diam. bears $28^{\circ} 50' E.$ 24 lbs. dist. marked $\frac{1}{4}$ sec. I. 1st B.T.
	A pine 10 ins. diam. bears $41.58^{\circ} W.$ 25 lbs. dist. marked 1st I. 11 B.T.
43.00	Base of st. slope and ledges enter broken brush bears N.W. & S.E.
56.00	Leave broken brush - Second sandstone ledges bears N.E. & S.W.
74.00	Summit of st. point of cliffs 300 ft. high
76.34	N.E. edge of inaccessible sandstone breaks on account of which I offset South 5.95 chs to a point whence East 5.65 chs to a point of intersection with Utah Colorado Bdy. line

Subdivision of T. 1 N. R. 25 E.

19.25 chs. S. of the witness cor. to mill cor.
No. 265 heretofore described and 5.95 chs.
S. of
- 81.9 The true cor. point which falling in in
cliffs cannot be established - At point of
reached with offset line in S.
of sandstone ledge I cut a cross⁽⁴⁾ at the exact
cor. point for witness closing cor. to
112 1/4 mark W.C. & C.C. on W. side with 4
ins. on S. and 2 on N. sides and raised a
of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable.

A pine 6 ins. diam. lies N. 62° 15' W. 30 lbs. dist.

1 T. 1 N. R. 25 E. S. 1/4 W. C. C.C. B.S.
Sand mostly sandstone ledges
Soil 4th rate
Interior pinon & cedar on 81.99 chs.
Mountainous on 81.99 chs.

September 3rd 1898

N. 0° 03' E. bet. sec. 10 & 11

Across high broken bunch

- 31.00 Gully 10 ft. deep drains N.E.
4.000 Set a sandstone 18x10x6 ins. 12 ins. in the
for 1/4 sec. cor. marked 1/4 on W. face
dug pits 18x18x12 ins. N. & S. of stone 3 ft. dia.
and raised a mound of earth 3 1/2 ft. base 1'
high W. of cor.
64. Year bunch - Around
73.00 Enter Green River bottom Irrigation ditch
runs N.E. - Enter lucerne field
8.000 Set a sandstone 18x10x5 ins 12 ins. in the
mud for cor. to secs 2. 3. 10 & 11; marked
5 notches on S. and 2 on E. edges and
a mound of stone 2 ft. base 1 1/2 ft. high W. of
Pits impracticable
- 1.00

Subdivision of T. 1 N. R. 25 E.

chs. Land rolling brush and bottom
Soil 2nd & 1st rate
No timber
Mountainous on 9.00 chs.

N. 89° 48' W. on a random line
Dist. secos. 3 & 10

- 4.000 Lot temp $\frac{1}{4}$ sec. cor.
 53.20 Right bank of Green River - Lot temp M. C.
 Since measure across Green River with steel
 tape I find distance to be 6.30 chs.
 59.50 Left bank of Green River - Lot temp M. C.
 Entered N. & S. line 28 M. S. N. of cor to
 secos. 3, 4, 9 & 10

Third I run
East on a true line
Dist. secos. 3 & 10

- 0.60 Valley 20 ft deep drains S.E.
 3.00 Ridge approx 25 ft. high bears S. Normal
 Enter Green River bottom and dense willows
 Left. bank of Green River. Lot a sandstone
 12 x 9 x 5 ins. 8 ins. in the ground for meander cut
 to fract. secos. 3 & 10 marked M.C. on ^{E.} and 5
 grooves on S. sides and raised a mound of
 stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 Lots impracticable
 26.60 Right bank of Green River. Lot a sandstone
 16 x 7 x 5 ins. 11 ins. in the ground for meander cor.
 of fract. secos 3 & 10; marked M.C. on W. and
 5 grooves on S. faces. dug a pit 36 x 36 x 12 ins.
 8 ft. E. of stone and raised a mound of earth
 4 ft. base 2 ft high E. of cor.
 Lot a sandstone 16 x 10 x 6 ins. 11 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
 and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft.

Subdivision of T. 1 N. R. 25 E.

Obs.	high N. of cor. Pits impracticable
42.	Leave dense willows and bottom -
47.	Enter low back slopes N.
53.7	Enter burned field
6000	Wagon road bears N.W. & S.E.
60.85	S.E. cor. of house in corner on line S.W. cor. of Charles Convis' old house bears S. 21° E.
	S.W. cor. of Charles Convis' new house bears S. 2° 45' E.
64.55	S.W. cor. of Charles Convis' old house bears S. 52° 15' W.
	S.W. cor. of Charles Convis' new house bears S. 29° W.
66.30	Creek Creek 8 lbs. wide 6 ins. deep runs N. Gentle descent into bottom at
79.80	The cor. to sec. 2. 3. 10 & 11 Leand river bottom and foothills Soil 1st & 3rd rate
	Timber - dense willow underbrush on 22.20 chs Mountainous and dense underbrush on 42.00 chs.

East on a true line
left. secos. 2 & 11

5.00	Leave burned field - Enter meadow
28.00	Leave meadow, enter dense willow
38.00	Right bank of Green River - Leave willow Find a sandstone 15 x 10 x 4 ins. 10 ins. in the ground for meander cor. of fract. secos. 2 & 11, marked H. C. on E. and 5 grooves on S. faces dig a pit 36 x 36 x 12 ins. 8 ft. W. of cor. and raised a mound of earth 4 ft. base 2 ft. high W. of cor.
	I now place a flag on line on the left bank of the River and measure a bearing S. 30° 45' E. 57 chs to a point from which flag bears N. 64° 28' E. Therefore sin 64° 28' sin. 95° 13' :: log 57 chs log. of distance to flag = 11.56 chs.
40.00	1/4 sec. cor. falls in River not set

Subdivision of T. 1 st. R. 25 E.

obs.

- 49.50 Left bank of Green River. Set a sandstone 15 ft 7 $\frac{1}{2}$ ft 4 ins. 10 ins. in the ground for corner. Cor. of sec. 2 & 11; marked W.C. on it and 5 grooves on S. faces; dug a pit 36 x 36 x 12 ins. 8 ft. E. of stone and raised a mound of earth 4 ft. base 2 ft. high E. of cor.
 50.00 Irrigation ditch runs S.E. Enter meadow
 54.80 Irrigation ditch runs S.E.
 68.30 Green meadow - Wire fence bears W.W. and S.E.
 68.80 Road bears W.W. & S.E.
 81.80 Intersect Utah-Colorado Bdy. line N. 0° 11' E.
 10 71.80 1.16 obs. from mill on the 266 foot ofen described. At point of intersection I set a sandstone 18 x 7 $\frac{1}{2}$ ft 4 ins. 12 ins. in the ground for closing cor. to secs. 2 & 11; marked C.C. on W. 5 grooves on S. and 1 on N. faces and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 It is impracticable
 Land mostly level bottom
 Soil 1st & 2nd rate - sandy
 Timber - dense yellow underbrush on 10.00 obs.

N. 0° 03' E. on a meadow line
 bet. secs 2 & 3

- 23.00 Right Bank of Green River. Set temp. W.C.
 I place a flag on line on the left bank of Green River and measure at hand N. 79° 30' W. 4.70 obs to a point from which the flag on line bears N 21° 24' E. Therefore sin. 21° 21' : sin 79° 06' :: leg. 4.70 obs. : leg. of distance to flag = 12.68 obs.

35.68 Left bank of Green River - Set temp.

Subdivision of T. 1 N. R. 25 E.

shs. M. C.

4. Set traps $\frac{1}{4}$ sec. cor.

80.4 Intercept N. Bdy. of Sp. 10 lbs E. of cor
to sec. 2, 3, 34 & 35 heretofore described
Leave I now

500' E. on a low hill
Set. secos. 2 & 3

8.00 Bear Ranch - Cedars scattering Cedars.
Now along W. side of Cañon drains T.

16.00 Ridge spurs 50 ft. high bears E.

26.00 Gully 25 ft. deep drains E.

29.00 Gully 25 ft deep drains E.

35.00 Bear scattering Cedars - Enter Green
River bottom.

39.3 Irrigation ditch 5 lbs wide $1\frac{1}{2}$ ins. deep
runs. E.

40.40 Set a sandstone $18 \times 12 \times 6$ ins. 12 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W.
and raised a mound of stone 2 ft
base $1\frac{1}{2}$ ft. high N. of cor.

Pits impracticable

42.50 Road bears E. & W.

44.75 Left bank of Green River. Set a sand-
stone $20 \times 9 \times 6$ ins. 15 ins. in the ground for
Meander cor. to grad. secos. 2 & 3; marked
M. C. on S. end 2 grooves on E. faces and
raised a mound of stone 2 ft. base $1\frac{1}{2}$
ft. high N. of cor.

Pits impracticable

57.40 Right bank of Green River. Set a sand
stone $12 \times 8 \times 6$ ins. 8 ins. in the ground
for Meander cor. to grad. secos. 2 & 3 mark-
ed M. C. on N. and 2 grooves on E.
faces - dug a pit $36 \times 36 \times 12$ ins. 8 ft.
S. of stone and raised a mound of
earth 4 ft. base 2 ft. high S. of cor.
Enter dense willow underbrush

Subdivision and Meanders T. 1 N. R. 25 E.

- 62.10 Lean dense willow underbrush -
Enter beaver field.
80.4 The cor. to sec. 2. 3. 10 & 11
Sand broken and loose
Fill 3rd and 1st rates
Timber - dense underbrush on 4.70 obs
scattering cedar on 24.00 obs.
1 continuous or dense underbrush on 31.70
obs.

September 4th 1898

Manders T. 1 N. R. 25 E.

Manders of the left bank of Green River
down stream

September 4th 1898

I commenced at the Mander cor. to fract. sec. 6 & 31 on the N. side of the bottom described
determining a true Manderian by turning
an angle from my line between sec. 6 &
31 and run with

Manders in sec. 6:

Bank 50 ft. high caused by sandstone
buff on both sides of river forming a
creek - bedrock

9.44° 15' E. 3.50 chs.

9.52° 30' E. 4.30 "

9.36° E. 1.70 " lower end of cañon

9.82° E. 7.90 "

N. 86° E. 4.60 "

9.64° 30' E. 9.60 "

9.51° 45' E. 24.00 "

9.22° 45' E. 1.10 " to the Mander cor. of
fract. sec. 5 & 6

56-70

Meadow T. 1 N. R. 25 E.

Leanders of the left bank of Green River down stream.

Land rocky precipitous, cut into and broken bank
Soil 3rd rate rocky or sandy
Timber a few scattering cedars
Mountains on 56.⁷⁰ chs.

Thaw in sec. 5:

S. 18° E. 4.80 chs.

S. 10° 45' E. 2.40 "

S. 28° 45' W. 3.20 " to meander cor. of prall.
secs. 5 & 6

Land steep; broken banks

Soil 4th rate - rocky

No timber

Mountains on 10.40 chs.

Thaw in sec. 6 continued:

S. 20° W. 14.00 chs.

S. 22° 30' W. 8.70 "

S. 6° E. 6.50 "

S. 16° E. 3.50 "

S. 23° 30' E. 5.50 " outer rocky canon

S. 13° 45' W. S. 10 " to meander cor. of prall.
secs. 6 & 7

Land broken banks & canon

Soil 4th rate - rocky or sandy

Timber, a few scattering cedars and willow patches

Mountains on 45.³⁰ chs.

Thaw in sec. 7:

S. 39° 45' W. 8.50 chs

S. 32° 45' W. 4.00 "

S. 12° E. 2.00 "

S. 51° E. 6.90

N. 44° 45' E. 8.10 to meander cor. of

Meanders T. 1 N. R. 25 E.

Meanders of the left bank of Green River, down

fract. sec 7 & 8 on bench 30 ft above water
Lined rocky, precipitous canons.
Soil 4th rate
Timber scattering cedar
Mountainous on 29. 50 chs.

September 4th 1898

Thence in sec. 8

N. 66° E.	5.10	chs.
N. 82° 45' E.	4.50	"
N. 82° E.	3.60	"
W. 69° 45' E.	2.60	"
W. 86° 15' E.	11.00	"
S. 86° E.	15.00	"
N. 82° 15' E.	2.30	"
W. 49° E.	5.80	"
W. 44° 15' E.	4.50	"
W. 84° E.	6.70	"
W. 49° 45' E.	10.00	"
W. 75° 45' E.	4.60	"
W. 57° 15' E.	6.90	" to Meander cor of fract. secs. 8 & 9 in S edge of bench 100 ft high lined rocky, precipitous canons.

Soil 4th rate
Timber some scattering cedar
Mountainous on 82. 60 chs.

Thence in sec 9

S. 49° E.	5.60	chs.
Ent.	6.00	"
S. 75° 45' E.	2.50	"
S. 78° 30' E.	7.00	"
S. 75° E.	4.80	"

15.90

Meanders T. 1 W. R. 25 E.

Meanders of the left bank of Green River, downstream

25-90

S. 79° E.	5.10	obs.
S. 69° E.	14.00	"
S. 74° 15' E.	6.00	"
S. 66° 45' E.	7.50	"
S. 75° 15' E.	2.90	"
S. 81° 45' E.	5.70	"
N. 87° 30' E.	1.50	"
N. 79° 30' E.	8.50	"
N. 67° E.	6.00	" to Meander cor. of frac. secs. 9 & 10

Head rocky precipitous canon
Soil 4th rate

Timber cedar

MOUNTAINOUS OR 83.10 obs.

Meander in sec. 10

N. 61° 30' E.	7.50	obs.
N. 59° 30' E.	5.40	"
N. 54° E.	4.30	" lower canon
N. 58° E.	4.30	" enter willows
N. 37° E.	3.30	" to Meander cor. of fractional secs. 3 & 10

Head rocky canon and willow thicket
Soil 4th rocky or sandy
Timber cedar and willows

MOUNTAINOUS OR dense undergrowth on 24.80 obs.

Meander in sec. 3.

N. 47° E.	4.80	obs.
N. 37° E.	10.00	"
N. 51° 45' E.	6.30	" at 0.70 obs. mouth of dry wash
N. 49° 15' E.	10.00	" at 3.20 obs. Willow Creek 4th rate with 6 in. deep falls into Green River at 4.50 obs. at end of wagon road

Meanders T. 1 N. R. 25 E.

Meanders of the left bank of Green River, down stream

at. $53^{\circ}45' E.$	8.50 chs	near willows
at. $63^{\circ}45' E.$	17.00 chs	
at. $45^{\circ} E.$	5.20 "	
at. $86^{\circ}15' E.$	2.50 "	10
at. $86^{\circ}30' E.$	3.90 "	10
at. $83^{\circ}30' E.$	4.20 "	to Meander cor. of fract. secs. 2 & 3

72 - 40
 $\frac{39 - 50}{32.5^{\circ}}$

Land river bottom

Soil 2nd rate sandy

Timber dense growth of willows on 39.60 chs.
Dense undergrowth on first 39.60 chs.

Thence in sec. 2.

at. $79^{\circ}30' E.$	18.00 chs.	inter patches of willow undergrowth
at. $50^{\circ}45' E.$	3.70 "	
at. $38^{\circ} E.$	2.70 "	
at. $49^{\circ} E.$	2.00 "	
at. $62^{\circ}15' E.$	1.00 "	
at. $54^{\circ}30' E.$	10.00 "	
at. $13^{\circ}30' E.$	5.50 "	
at. $43^{\circ}45' E.$	5.70 "	
at. $32^{\circ} E.$	4.70 "	10
at. $40^{\circ}15' E.$	2.40 "	
at. $50^{\circ}30' E.$	4.10 "	
at. $63^{\circ} E.$	4.70 "	to meander cor for fract secs. 2 and 11

67.50
 $\frac{46 - 50}{19.00}$

Land river bottom

Soil 2nd rate sandy

Timber thick patches of willow on 46.50 chs.
Dense undergrowth on last 46.50 chs

Thence in sec. 11

at. $44^{\circ}15' E.$	2.50 chs.	
at. $36^{\circ}15'30'' E.$	6.60 "	
at. $46^{\circ}45' E.$	9.40 "	10
at. $25^{\circ}00' E.$	10.00 "	

Meanders T. 1 N. R. 25 E.

Meanders of the left bank of Green River, down
 S. $30^{\circ} 00' E.$ 13.00 chs.
 S. $38^{\circ} E.$ 3.60 " /
 S. $37^{\circ} 15' E.$ 12.00 " intersect Utah Col. Rd. line
 S. $0^{\circ} 11' E.$ 46.35 chs. from the closing cor. to sec. 2 & 11. Deposit a
 marked stone 10 in in the ground for M.C. to fract. sec. 11, dig a pit
 36x36x15 in. 5 ft. ^{is in the ground} of cor. and raise a mound of earth 4 ft
 back to high water deposit. In the pit I drove a timber post 3 ft
 long 3 in. square marked M.C. on S. - T. 1 N. R. 25 E on N. and T. 1 N. W.
 Hand over bottom.
 Soil 2nd rate sandy.
 Timber thick patches of willow undergrowth
 Mountainous on 57.00 chs.
 September 5th 1898

Meander of the right bank of Green River, down.

September 6th 1898.

I commenced at the Meander cor. of fract. secs
 6 & 31 on the rt. Rd. of the Top butte
 determined a true Meridian by turning an angle
 from my line bet. secs. 6 & 31 and run with
 Meanders in sec. 6

In canon on sandstone bluff 50 ft high
 S. $42^{\circ} 15' E.$ 15.00 chs

S. $44^{\circ} E.$ 24.00 " leave canon into bottom
 S. $46^{\circ} 15' E.$ 17.00 "
 S. $6^{\circ} E.$ 9.60 " Bank gradually gets higher
 S. $28^{\circ} 15' W.$ 18.00 "
 S. $11^{\circ} 45' E.$ 6.80 "
 S. $10^{\circ} 15' W.$ 8.50 " enter canon
 S. $23^{\circ} 30' E.$ 7.00 "
 S. $31^{\circ} W.$ 4.10 " to meander cor. of fract.
 secs. 6 & 7.

Gated canon and bottom and steep banks
 Soil 4th and 2nd rate rocky and sandy.
 Timber some scattering cedar
 Mountainous on 83.00 chs.

Meanders T. 1 N. R. 25 E.

Meanders of the right bank of Green River,
down stream

Meanders in sec. 7

S. $87^{\circ} 0'$ W. 8.20 chs.

S. $18^{\circ} 15' E.$ 10.00 "

S. $67^{\circ} 30' E.$ 7.90 " at 4.80 chs. mouth of
Brygrass Creek (west branch)
2 miles wide 4 ins deep

N. $72^{\circ} 45' E.$ 7.50 " at 2.80 chs mouth of Bry-
grass Creek (east branch) 3 miles
wide 6 ins. deep. To the
meander cor. of sec. 6 & 8

Land rocky precipitous slopes
Soil 4th rate

Timber semi cedars.

Morainic on 33.60 chs.

Meanders in sec. 8

S. $80^{\circ} E.$ 12.00 chs.

N. $85^{\circ} 15' E.$ 5.30 "

N. $78^{\circ} 45' E.$ 5.40 "

S. $81^{\circ} 45' E.$ 8.60 "

N. $88^{\circ} 15' E.$ 5.00 "

N. $86^{\circ} 15' E.$ 12.00 "

N. $77^{\circ} 45' E.$ 5.90 "

N. $84^{\circ} E.$ 6.70 "

N. $77^{\circ} E.$ 10.50 "

N. $69^{\circ} 30' E.$ 5.20 "

N. $54^{\circ} 45' E.$ 6.10 " to the meander cor. of
sec. 8 & 9

Land rocky precipitous slopes
Soil 4th rate

Timber - scattering cedar

Morainic on 82.70 chs.

Meanders. T. 1 N. R. 25 E.

Meanders of the right bank of Green River down stream

Meanders in sec. 9.

S. 84° 30' E.	10.00 chs.
S. 80° 15' E.	4.30 "
S. 76° 30' E.	9.60 "
S. 79° E.	7.30 "
S. 71° 30' E.	19.00 "
S. 68° E.	11.00 "
S. 83° E.	7.70 "
N. 80° 30' E.	7.50 "
N. 63° E.	6.70 " to meander cor. of fract.

secs. 9 & 10

Sand rocky precipitous canon
Soil 4th rate
Timber scattering cedar
Mountainous on 83.¹⁰ chs.

Meanders in sec. 10

N. 60° 15' E. 12.00 chs.

N. 54° E. 9.70 " bar canon, with willows in
N. 45° 30' E. 11.00 " to meander cor. of fract.

secs. 3 & 10

Sand rocky canyon and river bottom
Soil 4th rate rocks and sand
Timber scattering cedar and willows
Mountainous or dense undergrowth on 32.70 chs.

September 6th, 1898

Meanders in sec. 3

N. 52° 30' E. 8.30 chs.

N. 57° E. 13.00 " at 2.00 chs. S. end of wagon ford

N. 53° 45' E. 10.00 "

N. 41° 45' E. 4.60 "

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Meanders T. 1 N. R. 25 E.

Meanders of the right bank of Green River downstream

N. 66° 30' E.	3.90 obs.
N. 81° 15' E.	6.40 "
N. 89° E.	5.20 " at 3 rd obs mouth of Green Creek (dry)
S. 70° 15' E	9.10 " to meander cor. of fract. 7.6 - 6.0 Secs 2 & 3

Land over bottom

Soil 2nd rate sandy

Timber willow underbrush

Dense undergrowth on 26th obs

Meanders in sec 2

S. 87° 30' E	3.10 obs.
S. 85° 15' E	7.90 "
S. 55° E	19.00 "
S. 61° 30' E	3.60 "
S. 47° 15' E	7.70 "
S. 24° 15' E	6.50 " to meander cor of fract. 6.7 - 5.0 Sec. 2 & 11

Land river bottom liable to overflow at high water

Soil 2nd rate sandy

Timber willow underbrush

Dense undergrowth on 47, 80 obs.

Meanders in sec. 11

S. 32° 45' E	9.70 obs.
S. 35° 30' E	2.60 "
S. 31° 15' E.	10.00 "
S. 42° 45' E	18.00 "
S. 26° 30' E	21.00 " land bottom & willows ascend
S. 53° 30' E	13.00 " On Buff 40 ft above river intersect Utah Colorado Boundary S. 0° 11' E.
S. 80.80 obs.	from the closing cor to secs 2 & 11.
	Deposit a marked stone 12 ins. in the ground

Meadow T. 1 N. R. 25 E.

for M. C. to prod. sec. 11; dig a pit 36 x 36
12 ins. S. of cor. and raise a mound of earth
4 ft. base 2 ft high over deposit in the pit.
I drive a cedar post 3 ft. long 3 ins. square
12 ins. in the ground marked M. C. on N.-E. &
R. 25 E. on S. and S. 11 on W. faces

Low river bottom subject to overflow and
Soil red - sandy.

Trunks decaying willow brush on 61. 30 chs
Mountainous or dense undergrowth on 74. 30 chs
September 7th 1898

General Description

The lands in this Tp. are part of the eastern
end of the great Uintah Plateau; a sandstone
region noted for its mighty upheaval and
most erosion. Although the beds are practically
horizontal the erosion has been much more
effective in some places than in others and the
elevation above sea level varies from about 5000
ft in the Green River bottoms to about 8500 ft
on the highest plateaus and ridges.

Green River runs its tortuous course through
the northern part of the Tp. from West to East
breaking through a solid sandstone bluff in secs
8 & 9 and forming a narrow canyon averaging
400 ft. in depth instead of staying in its usual
bed the so-called "Brown Park" a terrace
about 3 miles wide formed of detritus. Willow
Creek from the North and Pygmy and Crowe
Creeks from the South fall into Green River the
two latter run through deep canyons and are
fed by several small springs.

Subdivision T. 1 N. R. 25 E.

The plateaus and slopes are generally covered with cedar, piñon and mahogany while the wide gulches or "draws" in the mountains and the rolling bunches in Browns Park north of Green River afford splendid pasture. The Green River bottoms can be, and are partially cultivated being irrigated from Cowen and Willow Creek.

These Desert entries have been filed on land in this Tp. and final proof made:

D. E. No. 1217 Edward H. Dipe on Lot 3, S.E. 4 A.M. 4, NE 4 S.W. 4 and N.W. 4 S.E. 3 embraces the bottom of Willow Creek near its mouth, the principal improvements are a large log cabin over one mile of fencing and about 100 acres of land under cultivation.

D. E. No. 1403 James E. Peterson on the E. ^{1/2} of the S.E. ^{1/4} sec. 11 in the Green River bottoms, principal improvements are an irrigating ditch about 2 $\frac{1}{2}$ ft. wide 1 $\frac{1}{2}$ ft. deep about 1 $\frac{1}{2}$ miles long from Willow Creek, about 3/4 miles of fence and about 25 acres of land under irrigation.

D. E. No. 1818 Charles Crone on the S. ^{1/2} E. ^{1/4} sec. 2, S. ^{1/2} S.E. 4 sec. 3, N. ^{1/2} S.E. ^{1/4}; NE 4 sec. 10, N. ^{1/2} S.W. ^{1/4} sec. 11 mostly situated in the Green River Bottom at the mouth of Crone Creek, the principal improvements are 2 houses a barn, corral, and about 160 acres of land under cultivation being irrigated from Crone Creek.

Charles Crone owns also a cabin in sec. 32 with Barn, Corral and about half a mile of fence in sec. 33 to secure pastureage in Crone's Draw.

An uninhabited cabin in sec. 16 and an uninhabited cabin in sec. 19, said to belong to the notorious Matt Warner, complete the list of improvements in this Tp. - I saw no indications of valuable minerals.

Adolphus Jensen
U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____.

swung the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all base parts or portions of the _____.

of the _____
meridian, _____ of _____, which are represented
the foregoing field notes as having been surveyed by him and under his direction; and that said survey
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
monuments established, according to the instructions furnished by the United States Surveyor
General for _____.

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

scribed and sworn to before me this _____
day of _____, 189 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for _____, bearing date _____ day of _____, 189_____, I have well, faithfully, and truly, in proper person, and in strict conformity with the instructions furnished by the United States General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____, which are represent forego field notes as having been surveyed by me, and under my direction; and I do further swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States General for _____, and in the specific manner described in the field notes, the foregoing are the original field notes of such survey; and should any fraud be detected, I will be subject to the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189_____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Sault Ste. Marie, June 10th
Adolphus J. Legent, Surveyor General
of Township 1 North Range 25 East of the Sack
Barr & Franklin, H. F. T.

executed by _____, Adolphus Legent, _____, dated November 9, 1897, having critically examined, and the necessary corrections and explanations made, the said field notes, surveys they describe, are hereby approved.

Adolphus J. Legent

United States Surveyor

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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FIELD NOTES

OF THE SURVEY OF THE

*West Boundary**North Boundary**of Resurvey and Survey
of a Part of the
East Boundary**Township 2, Range 34 E.**of the State Lake Base Line Meridian,
State of Utah*

AS SURVEYED BY

Adelgade Jepsen, United States Deputy Surveyor,
 for his Contract No. 218, dated September 1st, 1898
 commenced September 8th, 1898
 completed September 13th, 1898

West Boundary	2.00 m. 00 ft.
North Boundary	2.00 m. 00 ft.
East Boundary	2.00 m. 00 ft.
" "	2.00 m. 00 ft.
East Boundary	2.00 m. 00 ft.

East Boundary 2.00 m. 00 ft.

NAMES AND DUTIES OF ASSISTANTS.

John Fenwick }
Charles Potter } Chairman

Hugh Hughart Moundman

Hugh Hughart } Assessor
J. S. Morgan

Frank J. Briggs Treasurer

For preliminary affidavits see book "D"

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West Belly - high m. chs bks -	N. Belly - high m. chs bks -	H 2 N 24 E Reservoir Canyon m. chs bks -	E. Belly - high m. chs bks -	E. Belly - low m. chs bks - m. chs bks -
1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-46 ✓
1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	60-00 ✓ 20-00 ✓
1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	
1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	
1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	1-00-00 ✓	
1-00-00 ✓	1-00-00 ✓	78-02 ✓		
6-00-00	5-78-02	2-00-00		1-60-46 20-00

Volume

#

R0254

BOOK A-254

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Township _____, *Range* _____

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same
we will report the true distances to all notable objects, and the true lengths of all lines that we are
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the sur-

_____, Chai _____, Chai _____

Subscribed and sworn to before me this _____ }
day of _____, 189 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the sur-

_____, Moun _____, Moun _____

Subscribed and sworn to before me this _____ }
day of _____, 189 }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of
and other duties, according to instructions given us, to the best of our skill and ability, in the sur-

_____, Axm _____, Axm _____

Subscribed and sworn to before me this _____ }

day of _____, 189 }



I, _____, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability
in the survey of _____

_____, Fl _____

Subscribed and sworn to before me this _____ }
day of _____, 189 }



West Boundary T. 2 N. R. 24 E.

obs.

Survey commenced Sept. 8th 1898.
with the instrument described in book "A"
From the established cor. to Twp. 1 & 2 N.
R. 23 & 24 E. hitherto described I sight
over the true Meridian established there
in my survey of the W. Body of T. 1 N. R.
24 E. and find the same yet to show a mean
magnetic declination of 16° East
Thence I now

North lat. secos 31 & 36

ascend along S.E. slope

- | | |
|-------|--|
| 28.00 | Ridge 150 ft. high bears N.E. & S.W. |
| 29.75 | Faulstone cliff 20 ft. high bears N.W. & S.E. |
| 30.00 | Enter aspen grove |
| 36.00 | Leave aspen, enter hollow 100 ft. deep stains N.W. |
| 40.00 | Find a sandstone 20 x 10 x 6 ins 15 ins. in the
ground for 1/4 cor. cor. marked 1/4 on W. face and
placed a mound of stone 2 ft. base 1 1/2 ft. high
Its impermeable - leaves hollow -
ascend |
| 50.00 | Faulstone cliff 10 ft. high, ^{brown} sand S.E. on
S.W. point of ridge 50 ft. high |
| 65.50 | Faulstone cliff 50 ft. high bears E. & N. |
| 77.50 | Ridge aspen 577 ft. high bears N. |
| 80.00 | st Sand 20 x 10 x 4 ins 15 ins in the ground for
cor to secos 25. 30. 31 & 36 marked 1 notch on S.
and 5 on N. edges sand raised & covered of
stone 2 ft base 1 1/2 ft. high N. of cor. Its
impermeable |
| | Small high mountain slope |
| | Sil 3rd rate - rocky |
| | Timber aspen on S.E. obs. |
| | Mesocarpinus on S.E. obs |

West. Bdy T. N. W. R. 24 E.

obs.

North lot. secs. 25 & 30

Descent broken W. slopes

- 35.00 Hollow 50 ft deep drains W.
 36.00 Enter scattering pine and cedar
 40.00 Falls on solid sandstone ledge. I cut a corris
 $\frac{1}{4}$ at the exact cor. point for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. side and raised a mound of stone 2 ft.
 base 1 $\frac{1}{2}$ ft. height $\frac{1}{2}$ ft. its impracticable.
 A pine 12 ins. diam. bears N. 85° E. 16 lbs dist.
 marked $\frac{1}{4}$ S. 30 B.T.
 No other trees within limits.
 42.00 Ridge spur 800 ft. high bears W. The line
 passes through crevices 10 ft. deep
 54.00 100 ft. deep drains W.
 59.00 Ridge spur 300 ft. high bears W. descended
 60.00 Soil sandstone 24 x 12 x 4 ins. 18 ins. in the ground
 for cor. to secs. 19, 24, 25 & 30. marked 2 switches
 on S. and 4 on W. edges and raised a mound
 of stones 2 ft. base 1 $\frac{1}{2}$ ft. height $\frac{1}{2}$ ft. its impractic-
 able.

A dead cedar 24 ins. diam. bears S. 21° 05' E. 44
 lbs. dist. mark T. 2 W. R. 24 E. S. 30 B.T.

A cedar 8 ins. diam. bears N. 40° E. 97 lbs. dist.
 marked T. 2 W. R. 24 E. S. 19 B.T.

No other trees within limits

Hand high mountain slopes

Soil 3rd rate rocky

Timber scattering pine and cedar

Mountainous on 80.00 chs

North lot. secs 19 & 24

Descent

- 40.00 Soil w. sandstone 26 x 10 x 4 ins. 19 lbs. in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft.

West Boundary T. 2 St. R. 24 E.

obs.	high W. of cor Pitts impracticable A spire 12 ins. diam bears S. 38° 20' E. 35 lbs. dist. marked T. 2 St. 19 B. T. No other trees within limits
40.50	Hollow 25 ft. deep. drains N.E.
45.00	Ridge spur 25 ft. high bears N.E.
57.00	Gulch 100 ft. deep drains N.E.
62.00	E. point of ridge spur 100 ft. high
68.00	Gulch 50 ft. deep drains E.
73.00	Ridge spur 50 ft. high bears N.E., descended steep st. slopes
80.00	to A sandstone 18 x 8 x 4 ins. 12 ins. in the ground for cor. to secs 13. 18. 19 & 24 marked 3 notches on S. and N. edges and raised a second of stone 2 ft. base 11 ft. high W. of cor. Pits impracticable
	A burnt cedar 10 ins. diam bears S. 23° E. 29 lbs dist. marked T. 2 St. R. 24 E. S. 19 B. T.
	A burnt cedar 10 ins. diam bears N. 44° 45' E. 29 lbs. dist. marked T. 2 St. R. 24 E. S. 18 B. T.
	No other trees within limits
	High broken mountain plateau Soil 3rd rate - rocky Timber scattering cedar & pine Mountainous on S. 20 obs.

September 8th 1898

North bet secs. 13 & 18

11.00	High plateau, steep descent into Green River Canyon
21.40	Right bank of Green River Set a sandstone 10 x 10 x 4 ins. 15 ins. in the ground for N.W. C. of prod. secs. 13 & 18 marked N.W. C. on st. T. 2 St. on S. - R. 24 S. 13 on N. and R. 24 E. S. 18 on E. faces from which A. pine 24 ins. in diam. bears N. 53° 10' W. 48 lbs dist marked T. 2 St. R. 23 E. S. 15 N.W. C. B. T.

West Boundary T. 2 N. R. 24 E.

- obs A pine 20 ins. diam. bears S. $64^{\circ} 10' E$ 73 lbs. t.
marked T. 2 N. R. 24 E. S. 18 M. C. B. T.
- I measure the distance across Green River
with steel tape it is 4.60 obs to
- 26.00 Left Bank of Green River Set a sandstone
 $20 \times 8 \times 7$ ins. 15 ins. in the ground for M. C. & sec.
secs. 13 & 18 marked M. C. on S. T. 2 N. on at
R. 23 E. S. 13 on W. and R. 24 E. S. 18 on E
faces from which
- A pine 24 ins. diam. bears N. $83^{\circ} 40' W$. 50 lbs
dist marked T. 2 N. R. 23 E. S. 13 M. C. B. T
- A cedar 6 ins. diam. bears N. $44^{\circ} 24' E$. 21 lbs
dist. marked T. 2 N. R. 24 E. S. 18 M. C. B. T.
- 26.50 Second precipitous W. side of cañon.
- 40.00 Set a sandstone $20 \times 10 \times 5$ ins 15 ins. in the
ground for 14 sec. cor. marked 14 on W. face
and raised a mound of stone 2 ft. low $1\frac{1}{2}$ ft
high but impracticable.
- 47.00 Top of Cuton braks. Ridge 500 ft above river
bears N.E. and S.W. enter cedars
- 66.00 Cañon 100 ft. deep drains S. W. Second
ledges and breaks on S.E. slope of Gobbler
Mountain.
- 80.00 Falls on sandstone $10 \times 3 \times 3$ ft. along ground
falling E. from a small ledge. I cut a cross⁴
at exact cor. point for cor to secs 7, 12, 13 & 18,
marked 4 grooves on S. and 2 on N. sides
from which
- A cedar 12 ins. diam. bears S. $82^{\circ} W$. 30 lbs. dist.
marked T. 2 N. R. 23 E. S. 13 B. T.
- A cedar 15 ins. diam. bears N. $15^{\circ} W$. 23 lbs. dist.
marked T. 2 N. R. 23 E. S. 12 B. T.
- A cedar 18 ins. diam. bears N. $45^{\circ} E$. 42 lbs. dist.
marked T. 2 N. R. 24 E. S. 7 B. T.
- A cedar 12 ins. diam. bears S. $14^{\circ} E$. 20 lbs. dist.
marked T. 2 N. R. 24 E. S. 18 B. T.
- Layd high broken Mountains
Soil 4th rate very rocky
Timber Cedar on W. 33% obs balance

West Boundary T. 2 N. R. 24 E.

chrs	scattered cedar and pine Mountainous on 8000 obs
	North lat sec 7 & 12
14.00	Continue ascent of banks and ledges on S.E. slope of Goslin Mountain Ravine 50 ft. deep drains E.
40.00	Set a sandstone 16x8x4 ins. 11 ins. in the ground for 1/4 sec cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft high W. of cor. Bits impracticable.
	A pine 10 ins. diam bears N. 36° E. 40 lbs. dist. marked 1/4 S. 7. B.T.
	No other trees within limits
44.00	Canyon 100 ft deep drains S. E.
61.00	Cliff. 60 ft. high bears E. & W.
64.50	Enter plateau of Goslin Mountain 2000 ft. above Bear River gradual ascent on plateau.
80.00	Set a sandstone 20x6x4 ins. 15 ins. in the ground for cor to sec. 1. 6.7 & 12 marked 5 notches on land 1 on N. edges
	A pine 4 ins. diam bears S. 52° 30' W. 62 lbs. dist. marked T. 2 N. R. 23 E. S. 6 B.T.
	A pine 7 ins. diam. bears N. 73° 30' E. 115 lbs. dist. marked T. 2 N. R. 24 E. S. 6 B.T.
	A cedar 12 ins. in diam. bears N. 47° 30' W. 100 lbs. dist. marked T. 2 N. R. 23 E. S. 1 B.T.
	A pine 10 ins. diam. bears S. 87° 30' E. 68 lbs. dist. marked T. 2 N. R. 24 E. S. 7 B.T.
	Land broken mountainous
	Soil 4th rate very rocky
	Timber cedar and piñon pine on 8000 obs
	Mountainous on 8000 obs

West Boundary Twp. R. 24 E.

obs.

North lat. sec. 1 & 6

- Ascend gradually on plateau
Head of gulch drains E.
1.50
11.00 Search for the returns cor. to secs 1.6. 7. & 12
set by Deputy A. D. Ferron at this point but
fail to find it.
40.00 Search for the 1/4 sec. cor. bet. secs 1 & 6 set by
Deputy A. D. Ferron at this point but fail to
find it. Set a sandstone 36 x 24 x 12 ins.
27 ins. in the ground for 1/4 sec. cor.; marked
 $\frac{1}{4}$ on N.W. face from which
A pine 6 ins. diam bears S. 69° W. 96 lbs. dist.
marked 1/4 S. 1 B.T.
A cedar 8 ins. diam bears N. 70° E. 46 lbs. dist.
marked 1/4 S. 6 B.T.
75.00
80.00 - 12 ins. timber
Make diligent search for the cor. to Tps 2 & 3 &
Rs. 23 & 24 E. set here by Deputy A. D. Ferron
but fail to find it. Set a sandstone 18 x 12 x 6
ins. & 12 ins. in the ground marked 3 N. on
S.E.; 24 E. on S.E.; 2 N. on S.W. and 23 E. on
N.W. faces with 6 notches on each edge and
raised around of stone 3 ft. base 2 ft. high S.
of cor. Its impracticable
land broken mountain plateau
Soil 4 to rate very rocky.
Timber cedar and pine on S. 75.00 obs
Mountainous on 80.00 obs

September 9th 1898

General Description
For general description of this line see end
of Subdivision notes of this Twp.

Adolphus Jessen
U.S. Dep't Surveyor

North Boundary T. 2 S. R. 24 E.

Survey commenced Sept. 9th 1898
with instrument described in book to

From the established cor. to Twp. 24 S. et.

Rs. 23 & 24 E. Section described in lat. 40°
56' N. long. 109° 16' W. at 8 h. 10 m. P.M. in
i.e. I observed Polaris at eastern elongation in
accordance with instructions of the Manual and
mark the line thus determined by a tack driven
into a plug set in the ground 5 chs. N. of cor.

September 9th 1898

September 10th 1898 At 7th. a.m. I lay off the
azimuth of Polaris 1038' to the west and
mark the true Meridian thus determined by
a tack driven into a plug formerly set in the ground
west of the point established last night, the mag.
bearing of said true Meridian is N. 16° 03' W.
which reduced by the table on page 100 of the Manual
gives the mean magnetic declination 16° East

There I will

End on a random line along
the N. Body of T. 2 S. R. 24 E. 5 miles
78 chs and 74 chs setting temporary 1/4 sec cor.
and sec. corr. at every 40.00 and 80.00 chs., -
except the west westerly half mile which I make
1.26 chs. short on account of convergence of
Meridians, - set a tapp. cor. to Twp. 24 S. et
Rs. 24 & 25 E.

September 11th 1898

September 13th 1898 Having properly com-
pleted the survey of the East Body of the Twp.
on Sept. 11 & 12th and established the cor. to Twp.
24 S. Rs. 24 & 25 E. 72 chs. N. of the
tapp. Twp. cor. mentioned above for which see
field notes of Recovery and survey of a part of

North Boundary T. 2 N. R. 24 E.

obs.	<p>the East Body of T. 2 N. R. 24 E. From the cor. to Sec. 2 & 3 N. R. 24 & 25 E. described in notes of East Boundary I now West on a true line lot secs 1 & 36</p>
18.50	Broad from high broken plateau, enter cedars
37.50	Ridge flat in Jessie Ewing Canyon 100 ft deep drains S.E. - have cedars
38.00	Dry bed of Jessie Ewing Creek 5 ft wide 2 ft. deep drains S.E. -
38.50	Ridge bears N.W. & S.E.
40.00	Set a sandstone 18 x 10 x 3 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Sets impracticable An uninhabited log cabin bears S. E. 12.00 obs. dest.
44.00	Around - enter cedars
61.00	Ridge 300 ft. high bears N.W. & S.E. - have cedars
78.50	Brassy hollow 100 ft deep drains S.W.
- 80.00	Set a quartzite 16 x 12 x 4 ins. 11 ins. in the ground for cor. to secs 1, 2, 35 & 36 marked 1 notch on E and 5 on W. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high Sets impractic- able.
	Land high broken mountains Soil 3rd rate rocky Timber - cedar on 36.00 obs Mountains on 80.00 obs.

West on a true line
lot. secs. 2 & 35

4.00 Ridge spur 100 ft. high bears S.E.

North Boundary T. 2 W. R. 24 E.

Sho.	
7.00	Hollow 20 ft. deep drains N.E.
20.50	Ridge 50 ft high bears W.W. & S.W.
24.50	Enter cedars
31.00	Hollow 100 ft deep drains S.
38.50	Ridge spur 100 ft. high bears S.
40.00	Bed a sandstone 16 x 8 x 4 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A cedar 14 ins. diam. bears S. 26° E. 14 lbs. dict marked 1/4 S. 2 B.T.
41.50	A cedar 8 ins. diam. bears W. 32° 45' N. 28 lbs. dict. marked 1/4 S. 35 B.T.
44.00	S. point of ridge spur 20 ft. high
48.50	Enter cedars
49.25	Grassy hollow 100 ft. deep drains S. - A small spring bears W. 45° S. - An unhabited cabin bears W. 152° S.
51.00	S. end of ridge at junction of two hollows
54.00	Grassy hollow 100 ft. deep drains S.
56.00	Entered - enter cedars
65.00	Ridge spur 50 ft. high bears N.E.
68.50	Hollow 20 ft. deep drains S.E.
78.50	Enter cedars - Enter plateau
80.00	Bed a sandstone 18 x 10 x 4 ins. 12 ins. in the ground for cor to secos. 2. 3. 34 & 35, marked 2 notches on E. end 4 on W. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor It's impracticable
	A cedar 15 ins. diam. bears S. 74° 30' E. 206 lbs. dict. marked T. 2 S. R. 24 E. S. 2 B.T.
	A mahogany 10 ins. diam. bears W. 86° 05' E. 144 lbs. dict. marked T. 3 S. R. 24 E. S. 35 B.T. W. other trees, within limits.
	Land high broken mountains
	Bed 3 ft. - rocky
	Timber cedar on 40.50 obs
	Wm. 1.11.1.

North Boundary T. 2 N. R. 24 E.

Obs.

Mountainous on S.E. obs

West on a true line
bet secs. 3 & 34

- 16.00 Passed from plateau
- 24.00 Broad grassy hollow 50 ft. deep drains S.
Set a quartzite 18x8x4 ins. 12 ins. in the ground
for 1/4 sec. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable.
- 48.00 Ridge 1500 ft. high bears S.W. & S.E.
- 54.00 Ridge spur 50 ft. high bears S.W.
- 60.00 Hollow 50 ft. deep drains W.W.
- 64.50 Ridge spur 75 ft. high bears W.W.
- 70.00 Hollow 25 ft. deep drains W.W.
- 80.00 Set a sandstone 18x14x3 ins. 12 ins. in the
ground for cor to secs 3. 4. 33 & 34 marked
3 notches on E. & W. edges and raised a
a mound of stone 2 ft. base 1 1/2 ft. high W.
of cor. Pits impracticable
Land high broken mountainous
Set 3rd rate - rocky
No timber.
- Mountainous on S.E. obs

September 12th 1898

West on a true line

bet secs 4 & 35

- 3.00 Enter cedars
- 10.00 Hollow 30 ft. deep drains S.
- 19.50 Ridge spur 1500 ft. high bears S.
Bear cedars
- 24.50 Bulky 15 ft. deep drains S.

North Boundary T. 7 N. R. 24 E.

Obs.	
22.50	Cliff 300 ft. high bears N.E. & S.E.
40.00	Set a quantity 14 x 8 x 6 ins. Gneiss in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
44.00	Ridge spur 400 ft. high bears S.W.
45.20	Cliff 10 ft. deep bears N.E. & S.W.
78.50	Bulch 100 ft. deep drains S.W.
80.00	On S.E. point of ridge spur 150 ft. high sets a quantity 18 x 10 x 4 ins. 16 ins. in the ground for cor. to secs. 4. 5. 32 & 33 marked 4 notches on E. and 2 on W. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
	Land high broken mountains Soil 3rd rate - rocky. Timber ^{commonly 50 cfs.} a few scattering cedar on boulders Mountainous on S.E. side

West on a line line
bet. secs. 5 & 32

	Around N.E. slope
22.00	Ridge 400 ft. high bears N.W. & S.E.
40.00	Set a quantity 16 x 10 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound 2 ft. base 1 1/2 ft. high N. of cor. - Pits impracticable
48.00	Ridge spur 300 ft high bears S.W.
52.50	Bulch 150 ft. deep. drains S.W.
60.00	Ridge spur 500 ft. high bears S.W. descended into scattering Cedars.
78.50	Red Creek 6 lbs. wide 4 ins. deep runs E. in Canyon 500 ft. deep.
80.00	Set a Hornblende 16 x 8 x 4 ins. 11 ins. in the ground for cor. to secs 5. 6. 31 & 32 marked

North Boundary T. 2 N. R. 24 E.

obs	Two trees on E. and 1 on W. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cr. — Pts. impracticable Land high broken mountainous Soil 3rd rate - rocky Timber scattering Cedars on W. end Mountainous on 8000 obs
-----	---

West on a true line
bet. sec. 6 & 31

	Ascend E. slope
13.00	Ridge spur 57 ft. high bears N.E.
16.00	Gulch 50 ft. deep drains N.E.
27.00	Ridge spur 75 ft. high bears S.E.
40.00	Quartzite 24 x 10 x 4 ins. 18 ins. in the ground for $\frac{1}{4}$ sec. on marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cr. Pts. impracticable
43.00	Gulch 100 ft. deep drains S.E.
74.00	Outer Goshen Mountain plateau bears N.E.
78.02	The established cr. to Tps. 2 & 3 N. R. 23 & 24 E herefor described Land high broken, mountainous Soil 3rd rate rocky Timber some scattering cedar. Mountainous on 78.02 obs

September 13th 1898

General Description
For general description of this line see end
of Gulden's field notes of this Tp

Adolphus Jessen
U. S. Dep. Surveyor.

Re-survey and survey of a part of the E. Bdy T. 2 d. R. 24 E.

Survey commenced September 11th 1898
with the instrument described in Book A.
From the temp cor. to Tps 2 & 3 N. R. 24 x 25
E. established in the survey of the W. Bdy of this
Tp. (see Field notes of same) I sight on the line
of said W. Bdy., turn an angle therefrom
to the left of 90° and run

South on a random line on the
East Boundary of T. 2 d. R. 24 E.
2 miles to the cor. to secs 7, 12, 13 & 18
established by Deputy A. D. Ferron. After
diligent search I fail to find it and
therefore continue South on a random
line. searching diligently at every 4000 and
8000 chs. for the established corners but finding
now notice at a point 4 miles 0.00 chs and
.46 lbs South from the temp. Tp. cor. where
I started the cor. to secs. 19, 24, 25 and
30, which is a sandstone 14 x 10 x 8 ins. firmly
set marked and witnessed as described by
the Surveyor General, - bears West 72° lbs
distant

From the established cor. to secs. 19, 24
25 & 30 hereupon described in Lat. $40^{\circ} 53'$
N. Long. $109^{\circ} 09'$ W. at 8 h 2 m. P. M. b. s. t.
I observe Polaris at eastern elongation in accord
ance with the Manual of Instruction and mark
the line thus determined by a tack driven into a
plug 5 chs. N. of cor.

September 11th 1898.

September 12th 1898 At 7 h. a.m. I lay off
the azimuth of Polaris $10^{\circ} 38'$ to the west and
mark the true meridian thus determined by a
tack driven into a plug firmly set in the ground
West of the point established last night. The mag-

Survey and survey of part of the C. R. & G. T. road. Oct. 6.

This bearing is N. $16^{\circ} 03' W.$ which reduced by the table on page 107 of the manual shows the mean magnetic declination to be 16° East.

Traversed road

North on a true N.-southing line
Lat. sec. 19 & 24

- 44.05 Set a sandstone 15 x 12 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 14 on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pit impracticable
- 44.05 Wash. 15 ft. wide 3 ft. deep. drains N.
- 51.30 Left bank of Green River, made friable search for M. C. established by Deputy A. D. Ferron. Set a sandstone 15 x 8 x 6 ins. 10 ins. in the ground for M. C. to find. sec. 19 & 24 marked M. C. on it, T. 2 st. on S., R. 24 E. S. 24 on N. and R. 25 E. S. 19 on E. faces. and raised a stone mound 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. Pit impracticable
Three 1' offset
East 7.00 abs
North 22.95 +
West 7.00 n. t.
74.25 Point on line on left bank of Green River where I made friable search for the M. C. established by Deputy A. D. Ferron. Set a sandstone 15 x 7 x 5 ins. 10 ins. in the ground for M. C. to find. sec. 19 & 24 marked M. C. on S., T. 2 st. on N., R. 24 E. S. 24 on W. and R. 25 E. S. 19 on E. faces and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. Pit impracticable
77.50 Road bears SSW. & S.E.
87.05 Set a sandstone 18 x 8 x 6 ins. 10 ins. in the ground for cor to sec. 13, 18, 19 & 24 marked 2 matches on st. & S. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pit impracticable

Re-survey and survey of a part of the E. Body T. 2 d. R. 24 E.

Obs.	<p>Land broken bottom Soil <u>2nd</u> rate sandy and rocky No timber</p> <p><i>North on a true Re-survey line bet. secs. 13 & 18.</i></p> <p>8.50 West point of beach 50 ft high 40.00 Set a sandstone 14 x 10 x 5 in. 8 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Sets impracticable.</p> <p>45.00 Foot of beach bears N.W. and S.E. around Enter beach</p> <p>49.00 Enter hollow drains W. 20 ft deep Leave hollow</p> <p>57.00 Set a quartzite 17 x 10 x 7 in. 14 in in the ground for cor. to secs 7, 12, 13 & 18 marked 4 notches on S. and 2 on N. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. - Sets impracticable Land broken bottom and beach Soil <u>2nd</u> rate Timber a few scattering cedars <u>Note:</u> End of Re-survey line</p>
	<p><i>True survey begins</i></p> <p><i>North on a true line bet secs. 7 & 12</i></p>
20.00	Enter cedars
22.00	Leave beach - around
25.00	Ridge spur 50 ft. high bears S.E.
34.00	Gulch 50 ft. deep drains S.E.
40.00	Set a conglomerate rock 18 x 7 x 5 in. 16 in in the ground for 1/4 sec. cor. marked 1/4 on W. face from which

Part of the East Body T. 2 N. R. 24 E.

Shs.	A cedar 10 ins. diam bears N. 76° 45' E. 5 ft. dist. marked $\frac{1}{4}$ J. 7 B. T.
	A cedar 6 ins. diam bears N. 43° W. 47 lbs. dist. marked $\frac{1}{4}$ J. 12 B. T.
52.50	Cliff 30 ft. high bears E. & W.
58.50	Ridge spur 500 ft. high bears S.E.
70.00	Gulch 100 ft. deep drains E.
74.00	Gulch 40 ft. deep drains S.E.
80.00	Set a Hornblende stone 15 x 12 x 4 ins. 10 lbs. in the ground for cor. to secs. 1, 6, 7 & 12. marked 5 notches on S. and 1 on N. edges and raised a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high W. of cor. Petty impracticability marked $\frac{1}{4}$ old timber line 7.29° 30' W. 3.10 lbs
	A dead cedar 20 ins. diam bears N. 69° 30' W. 16 lbs. dist. marked T. 2 N. R. 24 E. J. 1 B. T.
	A dead cedar 24 ins. in diam bears J. 84° 30' W. 31 lbs. dist. marked T. 2 N. R. 24 E. J. 12 B. T.
	A cedar 8 ins. diam bears J. 43° 30' E. 7 lbs. dist. marked T. 2 N. R. 25 E. J. 7 B. T. <small>in open trees within limits</small>
	Sand broken back and sandstone Soil 2nd and 3rd rate rocky
	Timber cedar on st. 6000 lbs.
	Morotaceous or timber on st. 6000 lbs.

North on a true line
bet. secs. 1 & 6

3.50	S.E. point of ridge 100 ft. high
12.50	Bottom of gulch 20 ft. deep bears S.E.
15.00	Enter flat in Jessie Ewing Canon 150 ft. deep drains S.E.
22.00	Dry bed of Jessie Ewing Creek 22 lbs. wide 2 ft. deep drains S.E.
25.70	Leave canon, ascend precipitous S.W. slope
40.00	Set a quartzite 12 x 12 x 6 ins. 8 lbs. in the ground for 1/4 sec. cor. marked $\frac{1}{4}$ on W. face from which

Part of the East Boundary T. 2 N. R. 24 E.

Obs.	A cedar 10 ins. diam. bears S. $36^{\circ}45' W.$ 9 lbs. dist. marked $\frac{1}{4}$ S. 1 B. T.
	A cedar 8 ins. diam. bears S. $12^{\circ}10' E.$ 11 lbs dist. marked $\frac{1}{4}$ S. 6 B. T.
46.00	Gully 10 ft. deep drains T.W.
71.75	Enter plateau 800 ft. above canon bears S.E. and N.W. face cedars
80.46	Intersect N. Bodg. of Twp. 72 lbs W. of temp. cor. to T. 2 S. 3 N. R. 24 & 25 E. Set a quartzite 18 x 8 x 5 ins. 12 lbs in the ground for cor. to Twp. 24, 3 N. R. 24 & 25 E. marked 3 N. on N.E. - 25 E. on S.E. - 2 N. on N.W. and 24 E. on S.S.W. faces with 6 notches on each edge and raised a mound of stones 3 ft. high 2 ft. high - S. of cor. destroyed by老人 It's impracticable
	Land broken mountains
	Soil 3 rd rate - rocky
	Timber cedars on S. 71.75 obs.
	Mountainous on 80.46 obs.

September 12th 1898

General Description
For general description of this
line see end of subdivision field notes
of this Twp.

Adolpho J. Jansson
U. S. Dep. Surveyor

Boundaries of T. 2 N. R. 24 E.

Point designated bearing obs.	True distance	Latitude			W. E. Ech. W.
		N. ch.	S. ch.	Ech.	
S. Bound. T. 2 N. R. 24 E. S. 89° 59'	480.20		0.11		480.
V. " " " North	480.00	480.			
V. " " " East	478.02			478.02	
E. " " " South	480.46	480.46	-13		
comparing		480.00	480.57	478.6	480.2
		480.00			
Error in Lat.			0.57		478.6
Error in Long.					1.3

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____ showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of _____ day of _____, 189_____, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ meridian, in the _____ of _____, which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189_____
} _____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Salt Lake City, Ut Jan 10th, 189_____.
The foregoing field notes of the survey of the First Part East boundary of
of East Boundary of Township 2 North Range 2d East
Salt Lake Bar & Prairie, etc.*

executed by *Adolphus Jessen* under his contract No. *218*, dated *November 9th, 189_____.
having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.*

Jacob T. S. T. C.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

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BOOK A-254

R.O.3.B.

FIELD NOTES

OF THE SURVEY OF THE

*Subdivisions
and Names of
Townships & Range*

Range 24 East

of the *Salt Lake Basal Meridian,*
State of Utah

AS SURVEYED BY

Adolphus Jenson, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1897

Survey commenced September 10th, 1898

Survey completed September 27th, 1898

6-151

*Sub-Cont. 43-01-86
" " 16-75-62 ✓*

Meadow 19-30-47

NAMES AND DUTIES OF ASSISTANTS.

John Penhance }
Charles Potter }

Hugh Hughart ,

Hugh Hughart }
A. J. Morgan } Asst
Assessor

Frank J. Briggs ~~Asst~~

For preliminary affidavits see book A'

BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

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7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the bar we will report the true distances to all notable objects, and the true lengths of all lines that we measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su

Subscribed and sworn to before me this }
day of , 189 }



We, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the su

Subscribed and sworn to before me this }
day of , 189 }



We, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of and other duties, according to instructions given us, to the best of our skill and ability, in the su

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, survey of

Subscribed and sworn to before me this }
day of , 189 }



Subdivision of T. 2 N. R. 24 E.

Sec.

Survey commenced September 13th 1898
with the instrument described in book "Q"

From the established cor. No. sec. 1. 2. 35 & 36
in S. Port of Twp. heretofore described in Lat. 40°
51' N. Long 109° 10' W. at 7 h. 55 min P. M.
I am to observe stars at eastern elongation in
accordance with instructions in the Manual
and mark the line thus determined by a tack
driven into a piling set in the ground 5 chs.
W. of cor.

September 13th 1898

September 14th 1898 At 7 a.m. I lay off
the azimuth of Polaris 11° 35' to the west and
mark the true meridian thus determined by
a tack driven into a piling firmly set in the ground
west of the point established last night; the mag.
bearing of said true meridian is at 16° 03' W.
which reduced by the table on page 107 of the Manual
gives the mean magnetic deviation 16° East.

Then I ran

St. 11 of 11. int. sec. 35 & 36

6.76	Bottom of gulch 5 ft. deep drains N.E.
5.50	Ridge spur 5 ft. high bears N.E.
15.00	Gully 15 ft. deep drains N.E.
16.00	Road to Harris's Ferry bears 111° & 22'
27.57	Horse foothills. Enter Green River Valley Reserve at Veterans Park a rolling broken - horse scattering cedar.
40.00	St. 11 sandstone 18 x 8 x 4 in. 10 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face, clay. Blts 18 x 18 x 12 in. st. 1/2 of stone 3 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
52.00	Gully 10 ft. deep drains N.E.
68.50	Gully 15 ft. deep drains N.E.

Subdivision of T. 2 N. R. 24 E.

obs.	have beach
72.00	Gully 10 ft deep drains N.E.
80.00	Set a sandstone 20 x 14 x 6 ins. 15 ins. in the ground for cor. to secs. 25. 26. 35 & 36 marked 1 notch on S. and E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
27.50 5.50	Set impracticable
	Good foothills and rolling beach
	Soil 3 rd and 2 nd rate rocky
	Timber scattering cedar on S. 27.50 obs
	Mountainous on S. 27.50 obs

N. 89° 59' E. on a random line
bet. secs. 25 & 36

40.00	Set Temp. $\frac{1}{4}$ sec. cor.
79.50	Intersect E. Bdy. of Twp. 38 Mts. S. of the established cor. to secs 25. 30. 31 & 36 which is a sandstone 14 x 10 x 8 firmly set, marked and witnessed as described by the Surveyor General Then I run
	S. 89° 43' N. on a true line
	bet. secs. 25 & 36

30.00	Leave river bottom - ascend
39.00	Enter beach bears N.E. & S.W.
39.70	Set a sandstone 15 x 15 x 4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A cedar 6 ins. diam. bears S. 21° 15' W. 56 lbs. dist. marked $\frac{1}{4}$ S. 36 D. T.
	A cedar 8 ins. diam. bears N. 73° 55' E. 111 lbs. dist. marked $\frac{1}{4}$ S. 25 D. T.
45.50	Leave beach, descend.
64.00	Enter hollow 50 ft. deep drains S.E.
69.00	Road bears N.W. and S.E. now along S. side of hollow

Subdivision of T. 2 N. R. 24 E.

Chrs.	
74.00	Mouth of side hollow heads. S. W. ascend The cor. to secos. 25. 26. 35 & 36
79.50	Gaud broken brush and bottom Soil 3 rd and 2 nd rate - rocky and sandy Timber scattering cedar on brush
49. ^{H.} 00. ^{D.}	Mountainous on W. 49. 50 chs.
2.00	N. 0001' W. but secos. 25 & 26
8.50	Road bears W. and S.E. in hollow 15 ft. deep drains S.E.
40.00	Cedar brush Set a sandstone 18 x 10 x 4 inos. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dig pits 18 x 18 x 12 inos. at S. of stone 3 ft. dirt and raised a mound of earth 3 1/2 ft. base 1 1/2 ft high W. of cor.
74.00	Road bears E. & W.
78.00	Road bears N.E. & N.W.
80.00	Set a sandstone 16 x 8 x 6 inos. 11 inos. in the ground for cor. to secos 23. 24. 25 & 26 marked 2. switches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1 1/2 feet high W. of cor.
	Pits impracticable
	Note: I make diligent search for the cor. established at this period by Deputy Adm. Tamm but fail to find it.
	Gaud high rolling brush
	Soil 2 nd rate rocky
	No timber

N. 890 43' E. on a random line
but secos. 24 & 25

38.80 Right bank of Grand River. Search for M.L.C.

Subdivision of T. 2 N. R. 24 E.

Obs	set by Deputy A. D. Ferron but fail to find it Set temp. M. C.
45.52	River measured across River with steel tape and find distance to be 6.72 obs. Left bank of Green River. Search for M. C. set by Deputy A. D. Ferron at this point but fail to find it. Set temp. M. C.
79.52	Intersect E. Bdy of Tp. 39 M. N. of the established cor. to secs. 19, 24, 25 & 30 heretofore described Thereby run West on a true line Sect. secs. 24 & 25
34.00	Left bank of Green River Set a sandstone 14x 8x6 ins. 10 ins. in the ground for <u>M. C.</u> to fract. secs. 24 & 25 marked <u>M. C.</u> on W. and 1 groove on S. faces and raised a sumed of stone 2 ft. base 1½ ft. high E. of cor. Posts impracticable
39.76	The $\frac{1}{4}$ sec. cor. point falls in river cannot be established
40.72	Right bank of Green River Set a sandstone 15x 12x6 ins. for $\frac{1}{4}$ witness cor. and <u>M. C.</u> to fract. secs. 34 & 25 marked <u>M. C.</u> on E. and $\frac{1}{4}$ W.C. on W. and 2 grooves on S. faces. A cottonwood 10 ins. diam. bears L. 33°30' E. 49 ft. dist. marked T. 2 N. R. 24 E. L. 25 <u>M. C.</u> $\frac{1}{4}$ W.C. B.T. A cedar 18 ins. diam. bears W. 44°23' W. 106 ft. dist. marked T. 2 N. R. 24 E. L. 24 <u>M. C.</u> $\frac{1}{4}$ W.C. B.T.
41.00	Around
47.50	Outer bank
78.17	Road bars W. & S.W.
79.52	The cor. to secs 23, 24, 25 & 26 Lined rolling bank and bottom Soil 2nd rate old timber

Subdivision of T. 2 N. R. 24 E.

obs.

N. 0°01' W. lat. secs. 23 & 24

- 40.00 Set a sandstone 16 x 12 x 3 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Sets impracticable
- 47.00 Gran. bunch - Decayed
- 52.00 Enter River bottom
- 54.00 Right bank of Gran River set a sandstone 18 x 7 x 5 ins. 12 ins. in the ground for M.C. to fract. secs. 23 & 24 marked M.C. on S. and 1 groove on E. faces
- A cottonwood 10 ins. diam bears N. 0°7' E. 303 ft. dist. marked T. 2 N. R. 24 E. S. 24 M. C. B. T.
- A cottonwood 24 ins. diam bears N. 9°16' W. 317 ft. dist marked T. 2 N. R. 24 E. S. 23 M. C. B. T.
- Note: The M.C. is about 350 obs. from the present edge of the water because the land between the narrow high strips on which the bearing trees grow and the cor. is overflowed at every seasons high water
- 63.05 Measuring the distance across the river with steel tape I find it to be 9.00 obs.
- 63.05 Left bank of Gran River Set a sandstone 20 x 10 x 8 ins. 15 ins. in the ground for M.C. to fract. secs 23 & 24 marked M.C. on S. and 1 groove on E. faces and raised a mound of stones 2 ft. base 1 1/2 ft. high S. of cor.
- Set impracticable Gradual ascent
- 63.60 Irrigating ditch drains E.
- 68.00 Road bears E. & W.
- 77.00 Enter bunch
- 79.00 Wash 10 ft. wide 2 ft. deep drains E.
- 80.00 Set a sandstone 20 x 8 x 6 ins. 15 ins. in the ground for cor. to secs 13. 14. 23 & 24 marked 3 notches on S. and 1 on E. edges and raised a stone mound 2 ft. base 1 1/2 ft. high W. of cor.
- Set impracticable
- Land rolling bunch and bottom.

Fabodivision of T. R. N. R. 24 E.

Obs. Soil 2nd rate
no timber

East on a random line
but. secs. 13 & 24

4000' Set temp. 1/4 sec. cor.

48.50' Left bank of Green River. Set temp. M.C. - I off
North 500 obs
East 18.27"
South 5.00" to

66.77' Left bank of Green River Set temp. M.C.

79.60' Intercept E. Bdy of Sp. at cor. to secs. 13. 15
19 & 24 horizon described
Thickness 2 m.

West on a true line

but secs. 13 & 24

11.10' Road bears W. and S.E.

12.83' Left bank of Green River Set a limestone 20x
11x5 ins. 15 ins. in the ground for M.C. to fract.
secs. 13 & 24 marked M.C. on W. and 3 grooves
on S. faces.

A Cottonwood 34 ins. diam. bears N. 85° 26' W.

16.18' lbs. dist. marked T. 2d. R. 24 E. S. 13 M.C. B. T.

A cottonwood 6 ins. diam. bears S. 26° 30' W. 20 obs.
dist. marked T. 2d. R. 24 E. S. 13 M.C. B. T.

31.10' Left bank of Green River Set a sandstone 18x11x
3 ins. 12 ins. in the ground for M.C. to fract. secs.
13 & 24 marked M.C. on E. and 3 grooves on S.
faces and raised a mound of stone 2 ft. base
1 1/2 ft. high N. of cor.
Sets impracticable

36.87' set a quartzite 18x10x4 ins. 12 ins. in the ground
for the sec cor. marked 1/4 on S. face and raised
a mound of stone 2 ft base 1 1/2 ft. high N. of
cor. - Sets impracticable

Subdivision of T. 2 N. R. 24 E.

Chs.

- 54.00 Broad bars N.E. & S.W.
 73.00 Valley 10 ft. deep drains S.E.
 79.00 The cor. to secs 13.14.23 & 24
 Land rolling brush and river bottom
 Soil good water
 No timber

September 14th 1898

N. 0° 01' W. bet secs 13 & 14

Gradual ascent on brush

- 8.00 Valley 5 lbs wide 2 ft. deep drains S.E.
 25.00 Valley 15 lbs. wide 5 ft. deep drains S.E.
 Hollow 10 ft. deep drains S.E.
 37.00 E. point of higher brush
 Set a hornblende stone 18 x 10 x 5 ins. 12 ins in
 the ground for 1/4 sec. cor. marked 1/4 on W. face and
 raised a mound of stone 2 ft. base 1 1/2 ft. high W.
 of cor. Sets impractical
 A cedar 6 ins. diam. bars N. 81° W. 23 lbs. dist
 marked 1/4 S. 13 P. T.
 No other trees within limits
 Hollow 25 ft. deep drains S.E.
 64.00 Broad hollow 30 ft deep drains S.E. - Enter
 foothills
 78.00 Ridge spur 50 ft. high bars S.E. - Enter cedars
 80.00 Set a limestone 20 x 10 x 8 ins. 15 ins in the ground
 for cor. to secs. 11.12.13 & 14 marked 4 notches
 on S. and 1 on E. edges
 A cedar 8 ins. diam. bars N. 86° 30' E. 50 lbs. dist.
 marked T. 2 N. R. 24 E. S. 12 P. T.
 A cedar 10 ins. diam. bars S. 40° 45' E. 48 lbs. dist.
 marked T. 2 N. R. 24 E. S. 13 P. T.
 A cedar 12 ins. diam. bars N. 41° W. 49 lbs. dist
 marked T. 2 N. R. 24 E. S. 11 P. T.
 A cedar 5 ins. diam. bars S. 22° 45' W. 18 lbs. dist

Subdivision T. 2 N. R. 24 E.

chs. marked T. 2 N. R. 24 E. S. 14 P. T.
Land broken hilly and foothills
Soil 3rd rate stony.
Timber some cedars on W. end
Mountainous on W. 16.00 chs.

East on a random line
bet secs. 12 & 13

40.00 Lot trip $\frac{1}{4}$ sec. cor
79.66 Intersect E. Ridge of Sp. 24 Mts. S. of cor. to sec.
7. 12. 13 & 18 heretofore described
Hence I run
S. 89° 50' W. on a true line
bet. secs. 12 & 13.

14.00 Hollow 30 ft. deep drains S.
27.50 Hollow 20 ft. deep drains S.
35.00 Hollow 40 ft. deep drains S.
39.83 Set a sandstone 18 x 6 x 5 ins. 12 ins in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and
measured a mound of stone 2 ft. high
N. of cor. — Bits impracticable.
79.66 The cor to secs. 11. 12. 13 & 14
Land broken foothills
Soil 3rd rate rocky
Timber some scattering cedar on W. end
Mountainous inc 79.66 chs.

N. 0° 01' W. bet secs 11 & 12

9.00 Ridge open 50 ft. high bears S. W.
11. 50 Hollow 25 ft. deep drains S. W.
15.00 Second step slope of Main Mountain
Quartzite cliff 75 ft. high bears E. & W.
25.50

Subdivision of T. 2 N. R. 24 E.

Obs.

- 36.00 Gulch 100 ft deep drains S.E.
40.50 On W. point of ridge upper set a sandstone
18x8x4 ins. 1½ ins. in the ground for ¼ sec. cor.
marked ⅓ on W. face
from which
A cedar 16 ins. diam. bears S. 85° E. 20 lbs. dist.
marked ⅓ S. 12 B.T.
A cedar 16 ins. diam. bears S. 45° W. 51 lbs. dist.
marked ⅓ S. 11 B.T.
42.50 Gulch 75 ft. deep drains S.W.
52.00 E. point of ridge upper 75 ft. high
54.00 Gulch 75 ft. deep drains S.E.
61.00 S. point of ridge upper 200 ft. high more rounded
on same
72.00 Ridge upper 50 ft. high bears S. W.
79.50 Gulch 100 ft. deep drains S.W.
80.00 Set a quartile 21x10x3 ins. 15 ins. in the
ground for cor. to sec. 1, 2, 11 & 12 marked
5 notches on S. and 1 on E. edges and raised a
curved of stone 2 ft. base 1½ ft. high W. of cor.
It's impracticable
A cedar 16 ins. diam. bears N. 31° 05' E. 41 lbs.
dist. marked T. 2 N. R. 24 E. S. 1 B.T.
A pine 8 ins. diam. bears S. 52° 20' E. 45 lbs. dist.
marked T. 2 N. R. 24 E. S. 12 B.T.
A cedar 16 ins. diam. bears S. 72° 40' W. 49 lbs. dist.
marked T. 2 N. R. 24 E. S. 11 B.T.
A cedar 14 ins. diam. bears N. 24° 40' W. 37 lbs.
dist. marked T. 2 N. R. 24 E. S. 2 B.T.
Hand broken mountainous
Silt 3rd rate - rocky.
Tender cedar on S. side obs.
Mountainous on S. side obs.

N. 89° 50' E. on a random line
Set sec. 1 & 12

Subdivision of T. 2 N. R. 24 E.

40.00	Set temp $\frac{1}{4}$ sec. cor.
79.70	Intersect E. Bdy. of Tp. 12 lks. W. of cor. to secs. 1. 6. 7. & 12 heretofore described Then I run ✓ $89^{\circ} 55'$ W. on a true line bet. secs 1 & 12.
14.00	Ascend steep E. slope in cedar mt. side Junc Ewing cañon
17.00	Ridge spur 1000 ft. above cañon bears S. W.
21.00	Gulch 100 ft. deep drains S. W.
24.00	Ridge spur 1000 ft high bears S.
28.00	Gulch 60 ft. deep drains S. W.
39.00	Ridge spur 1000 ft. high bears S. W.
39.85	Ridge spur 1000 ft. high bears S. W.
	Falls on solid Quartzite ledge. I cut a cross (+) at the exact cor point for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. side from which
	A piston 10 ins. diam bears $7^{\circ} 50'$ W. 39 lks. dist. marked $\frac{1}{4}$ S. 12 B. T.
	A cedar 6 ins. diam bears W. $44^{\circ} 47'$. 16 lks. dist. marked $\frac{1}{4}$ S. 1 B. T.
48.00	Gulch 100 ft deep drains S.
55.00	Ridge spur 1000 ft high bears S.
79.00	Gulch 100 ft deep drains S. W.
79.70	The cor. to secs 1. 2. 11 & 12 land broken mountains
	Soil 3rd rate rocky
	Timber cedar and pine on 79.70 obs.
	Moutainous on 79.70 obs.

$W. 0^{\circ} 01'$ W. on a random line
bet. secs. 1 & 2

40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.50	Intersect N. Bdy. of Tp. at cor. to secs.

Subdivision of T. 2 N. R. 24 E.

obs	1. 2. 35 & 36 heretofore described Thence I run S. 0°01' E. on a true line bet secs. 1 & 2
4. 50	Hollow 75 ft. deep drains S. W., enter cedars
18. 50	Hollow 75 ft. deep. drains W.
22. 00	Ridge spur 50 ft. high bears S. 70° W.
24. 50	Hollow 50 ft. deep drains W.
26. 00	Ridge spur 50 ft. high bears W.
28. 50	Hollow 30 ft. deep drains W.
31. 50	Ridge spur 50 ft. high bears W.
37. 50	Hollow 50 ft. deep drains S. 70° W.
39. 00	Ridge spur 50 ft. high bears S. 70° W.
40. 26	Set a quartzite 12 x 8 x 7 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on the face from which
	A cedar 20 ins. diam. bears N. 30°15' E. 37 lbs dit marked 1/4 S. 1 B. T.
	A cedar 6 ins. diam. bears N. 30°50' W. 32 lbs. dit marked 1/4 S. 2 B. T.
44. 00	Hollow 50 ft. deep drains S. 70° W.
50. 00	Ridge spur 300 ft. high bears S. 70° W.
74. 00	Ridge spur 45 ft. high bears S. W.
80. 26	The cor. to secs 1. 2. 11 & 12 had broken mountainous Soil 3rd rate - rocky Timber - cedar on 75. 76 obs. Mountainous on 80. 26 obs.

September 15th 1898

From the established cor. to secs 2. 3. 34
and 35 on S. Blgy. of Tp. heretofore described
I run

N. 0°02' W. bet secs 34 & 35

15. 00 Enter hollow 50 ft. deep drains N. 70° E.

Subdivision of T. 2 N. R. 24 E.

obs.

- 20.00 Wash, in bottom of hollow, 20 lbs wide 2 ft. deep
drains N. 70° E.
23.00Leave hollow
28.00 Enter flat ridge 50 ft high bears N.E.
38.00 Leave ridge - descend
Spitzenberg Spring and cabin (uninhabited)
bears E. 38° 00' obs.
40.00 Set a sandstone 15 x 9 x 7 inces. 10 in. in the ground
for 1/4 sec. cor. marked 1/4 on W. face from which
A cedar 12 in. diam bears N. 24° 30' E. 16 lbs.
dist. marked 1/4 S. 35 B.T.
A cedar 5 in. diam bears N. 80° 30' W. 15 lbs. dist.
marked 1/4 S. 34 B.T.
45.00 Foot of steep N. slope
Gully 15 ft. deep drains E.
50.00 Set a sandstone 15 x 9 x 6 ines. 10 in. in the
ground for cor to secs. 26. 27. 34 x 35 marked
1 notch on S. and 2 on E. edges
from which
A cedar 10 in. diam bears S. 46° 50' E. 29 lbs
dist. marked T. 2 N. R. 24 E. S. 35 B.T.
A cedar 10 in. diam bears S. 0° 45' W. 57 lbs.
dist. marked T. 2 N. R. 24 E. S. 34 B.T.
A cedar 10 in. diam bears N. 57° 30' E. 43 lbs
dist. marked T. 2 N. R. 24 E. S. 36 B.T.
A cedar 10 in. diam. bears N. 75° 30' W. 78 lbs.
dist. marked T. 2 N. R. 24 E. S. 27 B.T.
Leave broken foothills
Soil 3rd rate - rocky
Timber cedar on 80.00 obs.
Mountainous on 80.00 obs.

N. 89° 59' E. on a sandstone line
dist. secs. 26 & 35

40.00 Set temp 1/4 sec. cor.

Subdivision of T. 2 N. R. 24 E.

Obs.

- 80.10 Entered N. & S. line 3 lbs. W. of cor. to secs
25, 26, 34 & 35
Three L. sec.
West on a true line
Lat. secs. 26 & 35

Second

- 7.00 Enter brush
10.00 Gully 10 ft deep drains N.E.
25.00 Gully 10 ft. deep drains N.E.
32.00 Gully 10 ft deep drains N.
40.0 Set a sandstone 14 x 10 x 8 ins. 10 ins. in the
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and
raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high
N. of cor. Pits impractical
44. Road bears N.E. & S.W.
51.00 Road to Jarvis Ferry bears N. & S.
68.00 Enter cedars second
80.10 The cor. to secs. 26, 27, 34 & 35
~~12.10~~
~~68.00~~
Land mostly broken brush
Soil 2nd rate
Timber cedars on N. 12.10 obs
Mountainous on N. 12.10 obs

N. 0° 02' W. lat. secs 26 & 27

- 13.00 Lean cedars
24.00 Lean foothills, enter Joseph Toliver's pasture
in Brown's Park
31.00 Toliver Creek (dry) in wash 20 lbs. wide 6 ft.
deep runs N. 70° E.
36.50 Wash 5 lbs. wide 2 ft. deep drains E.
40.00 Set a sandstone 15 x 10 x 3 ins. 10 ins. in the
rounded for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
dry pits 18 x 18 x 12 ins. N. & S. of stone 3 ft.
and raised a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft.

Subdivision T. 2 N. R. 24 E.

obs.	high W. of cor.
8000 915.0 fp.	Set a sandstone 16 x 9 x 6 in. 11 in. in the ground for cor. to secs 22. 23. 26 & 27 - marked 2 notches on S. and E. edges, dug pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dirt and raised a mound of earth 4 ft. base 2 ft. high W. of cor. Note: I search diligently for the cor. set at this point by Deputy A. B. Furon but fail to find it. Sand rolling bank and foothills Soil 1st and 2nd grade Timber cedars on S. 1300 obs Mountainous on S. 24.02 obs

	East on a random line but, secs. 23 & 26
4000 S.	Set temp 1/4 sec. cor. Search diligently for the 1/4 sec. cor. set by Deputy A. B. Furon, but fail to find it.
8000	Intersect N. & S. line ad cor. to secs. 23. 24. 25 & 26 Thence S. line West on a true line but, secs 23 & 26
4000	Set a sandstone 18 x 10 x 5 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on S. face, dug pits 18 x 18 x 12 in. E. & W. of stone 3 ft. dirt. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
59.50 62.00	Road to Jerry's Ferry bears N. & S. Fence bears N. & S. Enter Joseph Toliver's pasture.
8000	The cor. to secs 22. 23. 26 & 27 Sand rolling bank Soil 1st rate No timber

Subdivision T. 2 N. R. 24 E.

Obs.

N.O. 02' W. lot nos 22 & 23

- 25.00
Leave brush - descend rocky slope
Set a quartzite 12 x 9 x 6 ins. 8 ins. in the ground
for 1/4 sec. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable
- A cedar 8 ins. diam bears S. 71° 30' W. 115 lbs. dist.
marked 1/4 S. 22 B. T.
No other trees within limits.
- 41.00
Steep descent
- 43.00
Right bank of Green River Set a sandstone
20 x 12 x 6 ins. 15 ins. in the ground for M. C. to
fract. nos. 22 & 23 marked M. C. on S. and
2 grooves on E. face
from which
A pine 24 ins. diam bears N. S. S. 14° E. 30 lbs.
dist. marked T. 2 N. R. 24 E. S. 23 M. C. B. T.
A pine 30 ins. diam. bears S. 70° W. 115 lbs. dist.
marked T. 2 N. R. 24 E. S. 22 M. C. B. T.
Measuring the distance across Green River with
steel tape I find it to be. 4.60 chs.
- 49.60
Left bank of Green River Set a sandstone 22 x
8 x 6 ins 16 ins. in the ground for M. C. to fract.
nos. 22 & 23 marked M. C. on S. and
2 grooves on E. faces and raised a mound
of stones 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable
- 49.75
Irrigation ditch 5 lbs. wide 2 ft. deep drains
East. - Enter Jarvis's pasture.
- 59.25
Leave pasture - wire fence bears E. & W.
- 62.00
Road to Rock Springs bears E. & W.
- 63.00
Leave bottom ascend steep rocky slope
- 70.00
Enter high brush, enter scattering cedar
- 80.00
Set a sandstone 16 x 14 x 4 ins. 11 ins. in the
ground for cor. to nos 14, 15, 22 & 23. marked
- 25.00
55.00

Subdivision of T. 2 N. R. 24 E.

chs.

3 notches on S. and 2 on E edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Posts impracticable.
 A cedar 6 ins. diam. bears S. $63^{\circ}45' E.$ 48 lbs. dist. marked T. 2 N. R. 24 E. S. 23 B. T.
 A cedar 5 ins. diam. bears N. $36^{\circ}54' W.$ 15 lbs. dist. marked T. 2 N. R. 24 E. S. 15 B. T.
 A cedar 6 ins. diam. bears S. $36^{\circ}08' W.$ 109 lbs. dist. marked T. 2 N. R. 24 E. S. 22 B. T.
 No other trees within limits
 Hard bottom and high broken bunch
 Soil 1st and 3rd rate
 Timber some scattering cedar
 Monotremous on 25.00 chs.

East on a random line
 bet sec. 14 & 23.

- 40.00 Set Temp. $\frac{1}{4}$ sec. cor.
 80. 36 Intercept N. & S. line at cor. to sec. 13, 14, 23 and 24.
 Then 2 sec.
 West on a true line
 bet. sec. 14 & 23.

1. 50 Gully 5 ft. deep drains S.E.
 10. 50 Gully 5 ft. deep drains S.E.
 12. 00 Road bears N.W. & S.E.
 15. 00 Gully 10 ft. deep drains S.E.
 30. 00 Gully 10 ft. deep drains S.E.
 40. 18 Set a sandstone 18 x 8 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which

A cedar 4 ins. diam. bears S. $29^{\circ}08' W.$ 182 lbs dist. marked $\frac{1}{4}$ S. 23 B. T.
 A cedar 5 ins. diam. bears N. $23^{\circ}16' W.$ 56 lbs dist. marked $\frac{1}{4}$ S. 14 B. T.

Subdivision of T. 2 N. R. 24 E.

Chs. 50 40.50 64.00 80.36 29.86 40.50	<p>Enter cedars Sully 10 ft. deep drains S. Rocky gulch 40 ft. deep drains S.W. The cor to sec. 14, 15, 22 & 23 Hand broken branch Soil 3rd rate - rocky. Timber Heavy cedar on W. 39.86 obs.</p>
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September 16th 1898

N. 0° 02' W. lat., sec. 14 & 15

Gradual ascent on broken S. slope

32.00 40.00	<p>Hollow 15 ft. deep drains S.W. base 10 ft. Set a sandstone 15 x 8 x 5 ins. 10 ins. in the ground for 1/4 ac. cor marked 1/4 on W. face and raised a mound of stones 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable</p>
73.00 80.00	<p>Hollow 15 ft. deep drains S.W. Set a sandstone 12 x 8 x 4 ins. 8 ins. in the ground for cor to sec. 10, 11, 14 & 15 marked 4 notches on S. and 2 on E. edges from which</p>

A cedar 6 in. diam. bears N. 52° 40' W. 115 lbs.
 dist. marked T. 2 N. R. 24 E. S. 11 B. F.

A cedar 7 in. diam. bears S. 61° 15' E. 112 lbs. dist.
 marked T. 2 N. R. 24 E. S. 14 B. F.

A cedar 5 in. diam. bears N. 68° 40' W. 163 lbs.
 dist. marked T. 2 N. R. 24 E. S. 10 B. F.

A cedar 8 in. diam. bears S. 65° 57' W. 210 lbs.
 dist. marked T. 2 N. R. 24 E. S. 15 B. F.

Hand broken branch
 Soil 2nd rate - stony
 Timber scattering cedar

Subdivision S. 2 N. R. 24. E.

Obs.

East on a random line
but sec. 11 & 14

4000 Set temp $\frac{1}{4}$ sec. cor
80. 14 Intercept N. & S. line 19 lbs. S. of cor to sec
11. 12. 13 & 14
Then I run
 $3.89^{\circ} 52' W.$ on a true line
but. sec 11 & 14

1.00 Ridge spur 10 ft. high bears S.E.
3. 50 Gully 20 ft. deep drains S.
7. 25 Flat ridge spur 40 ft. high bears S.
10. 00 Hollow 20 ft. deep drains S.
18. 00 Ridge spur left high bears S.E.
23. 00 Hollow 20 ft deep ^{drainage} S.
29. 00 Ridge spur 30 ft high bears S.
49. 07 Set a limestone 15x10x6 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised
a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor
It's impracticable
A cedar 6 ins. diam bears N. $39^{\circ} 07' W.$ 160 lbs.
marked $\frac{1}{4}$ S. 11 B.T.
No other trees within limit.
45.00 Hollow 20 ft. deep drains S.E.
80. 14 The cor to sec 10. 11. 14 & 15
Land broken bunch and foothills
Soil 2nd and 3rd rate rocky
Timber scattering cedars
Monotaxis on 80. 14 obs

N. $0^{\circ} 02' W.$ but sec. 10 & 11

12. 00 Hollow 10 ft deep drains S.W.
4000 Set a sandstone 12x10x6 ins. 8 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face

Subdivision of T. 2 N. R. 24 E.

obs	from which A cedar 8 ins. diam. bears S. $38^{\circ}10' E.$ 72 lbs. dist. marked $\frac{1}{4}$ S. 11 P. T.
	A piñon 5 ins. diam. bears S. $59^{\circ}05' W.$ 109 lbs. dist. marked $\frac{1}{4}$ S. 10 P. T.
44.00	Second Main Mountains
62.80	Quartzite ledge 20 ft. high bears E. & W.
72.50	Gulch 75 ft. deep drains S.E.
80.00	Set a sandstone 24 x 12 x 8 ins. 18 ins in the ground for cor. to secs. 2. 3. 10 & 11 marked 5 notches on S. and 2 on E. edges from which A cedar 14 ins. diam. bears N. $81^{\circ}45' W.$ 28 lbs. dist. marked T. 2 N. R. 24 E. S. 3 P. T.
	A cedar 10 ins. diam. bears N. $20^{\circ} E.$ 11 lbs. dist. marked T. 2 N. R. 24 E. S. 2 P. T.
	A cedar 10 ins. diam. bears S. $58^{\circ} E.$ 33 lbs. dist. marked T. 2 N. R. 24 E. S. 11 P. T.
	A cedar 12 ins. diam. bears S. $62^{\circ} W.$ 32 lbs. dist. marked T. 2 N. R. 24 E. S. 10 P. T.
	Land foothills and mountains Soil 3rd rate - rocky Timber scattering cedar Mountainous on 80.00 obs

N. $89^{\circ}52' E.$ on a random line
bet. secs. 2 & 11

40.00	Set temp $\frac{1}{4}$ sec. cor.
80.22	Intersect N. & S. line 10 lbs. W. of cor. to secs. 1. 2. 11 & 12 Plane 2 mm
	S. $89^{\circ}56' W.$ on a true line bet. secs. 2 & 11
4.50	Ridge spur 100 ft. high bears S. or.

7.50 Gulch 50 ft. deep drains S.

Subdivision of T. 2 N. R. 25 E.

obs.

- 14.50 Ridge spur 150 ft. high bears S.
33.00 Gulch 250 ft. deep drains S.E.
40.11 Falls on solid Quartzite ledge - I cut a cross, at the exact cor. point for $\frac{1}{4}$ sec. cor. mark $\frac{1}{4}$ on N. side from which
A cedar 16 in. diam bears S. $16^{\circ} 30' E.$ 15 lbs. dist. marked $\frac{1}{4}$ S. 11 P.T.
A cedar 16 in. diam bears N. $9^{\circ} 45' E.$ 30 lbs. dist. marked $\frac{1}{4}$ S. 2 P.T.
45.00 Ridge spur 800 ft. high bears S.
52.07 Gulch 250 ft. deep drains S.
60.00 Ridge spur 200 ft. high bears S.W.
72.57 Gulch 300 ft. deep drains S.
- 80.22 The cor. to sec. 2. 3. 10 & 11
Hard sandstones broken
Soil $\frac{1}{4}$ th rate rocky
Timber pillow and cedar on 80.22 obs
Sandstones on 80.22 obs

N. $0^{\circ} 02' W.$ on a sandstone line
bet. secs. 2 & 3

- 46.00 Set temps $\frac{1}{4}$ sec. cor.
80.28 Intersect N. Bdy. of Sp. at cor. to sec. 2. 3.
34 & 35 Identical with those described
There 2 min.

S. $0^{\circ} 02' E.$ on a true line
bet. secs 2 & 3

- 46.57 Second from plateau ridge in heavy cedar
and pine
36.17 Sandstone cliff 15 ft. deep bears E. & W.
34.57 Hollow 100 ft. deep drains S.W.
36.17 Ridge spur 50 ft. high bears S.W.
46.28 Set a sandstone 15 x 8 x 5 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
from which

Subdivision of T. 2 N. R. 24 E.

Obs	A cedar 10 in. diam bears N. 88° E. 34 lbs. dist marked $\frac{1}{4}$ S. 2 B. T.
	A dead pine 15 in. diam bears N. 52° 10' W. 22 lbs. dist marked $\frac{1}{4}$ S. 3 B. T.
62.00	Descend very steep S. slope
80.28	The cor. to secs. 2. 3. 10 & 11 land broken mountainous Soil 4 th rate rocky Timber pine and cedar on S. 28 obs Mountainous on S. 28 obs

September 17th. 1898

From the established cor. to secs. 3. 4. 33 & 34
on S. side of Tp. fortification described
I min

$N. 0^{\circ} 0' 2'' W.$ lat. secs. 33 & 34

10.00	Ascend in cliffs bears N.E. and S.W.
15.00	Toliver Creek 8 lbs. wide 6 in. deep runs N.E. in bottom of Toliver Canyon 500 ft deep - Ascend.
27.50	Ridge spur 300 ft high bears N.E.
31.00	Foot of steep slope now gradual descent towards the rt.
40.00	Set a sandstone 18 x 7 x 5 in. 12 in. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which
	A pine 10 in. diam. bears N. 62° 15' W. 26 lbs. dist. marked $\frac{1}{4}$ S. 35 B. T.
	A pine 10 in. diam. bears S. 58° 15' E. 32 lbs. dist. marked $\frac{1}{4}$ S. 34 B. T.
50.00	Set A sandstone 24 x 9 x 6 in. 18 in. in the ground for cor. to secs. 27. 28. 33 & 34, marked 1 notch on S. and 3 on E. edges from which
	A cedar 10 in. diam. bears N. 78° 15' W. 36 lbs. dist marked T. 2 N. R. 24 E. S. 28 B. T.

Subdivision of T. 2 N. R. 24 E.

Obs.	<p>A cedar 18 ins. diam. bears S. 53° 30' W. 14 lbs. dist. marked T. 2 N. R. 24 E. S. 33 P. T.</p> <p>A cedar 8 ins. diam. bears S. 14° 30' E. 40 lbs. dist. marked T. 2 N. R. 24 E. S. 34 P. T.</p> <p>A cedar 8 ins. diam. bears N. 79 E. 50 lbs. dist. marked T. 2 N. R. 24 E. S. 27 P. T.</p> <p>Hard broken mountain</p> <p>Foil 4 ft. rate - very rocky</p> <p>Tulip cedar and pine on 8000 obs</p> <p>Marmations on 8000 obs</p>
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N. 89° 59' E. on a random line
Dist. sec. 27 & 34

4000	<p>Set trap. 1/4 sec. cor.</p>
8000	<p>Intersect N. & S. line 3 lbs. N. of cor. to sec.</p> <p>26. 27. 34 & 35</p> <p>Third floor</p> <p>West on a true line</p> <p>Dist. sec. 27 & 34</p>
10.50	<p>Ridge open 50 ft. high bears N.E.</p>
17.00	<p>Bottom 25 ft. deep drains N.</p>
33.00	<p>Ridge open 50 ft. high bears N.</p>
37.00	<p>Toliver Creek (dry) divides N.E., upper seventh of Toliver Creek</p>
39.50	<p>Irrigation ditch 3 lbs. wide 6 ins. deep drains N.E.</p>
40.00	<p>Set a sandstone 24 x 7 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on st. face from which</p> <p>A cedar 16 ins. diam. bears N. 82° 15' W. 14 lbs. dist. marked 1/4 S. 27 P. T.</p>
	<p>A cedar 10 ins. diam. bears S. 81° 30' E. 6 lbs. dist. marked 1/4 S. 34 P. T.</p>
	<p>Joseph Toliver Cabin bears N. 35° 15' W. 8.30 obs dist.</p>

Subdivision of T. 2 N. R. 24 E.

Chs.

44.00

Cliff 20 ft. high bears W. & S.

5000

Ridge spur 50 ft. high bears W.

8000

The cor. to secs. 27, 28, 33 x 34

Land broken foothills

Soil good rate rocky

Timber cedar and pinon on 80' obs

Mountainous on 8000 obs

W. 0° 0' N. bet secs 27 & 28

Gradual descent

10.00

Gulch 40 ft. deep drains N.E.

27.00

Ridge spur 50 ft. high bears N.E.

40.00

Set a sandstone 20 x 8 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which

A cedar 12 ins. diam. bears N. 37° 45' E. 56 lbs dist. marked 1/4 S. 27 B.T.

A cedar 8 ins. diam. bears S. 73° 30' W. 43 lbs. dist. marked 1/4 S. 28 B.T.

54.00

Rocky gulch 50 ft. deep drains N.E.

60.00

Enter flat ridge 30 ft. high bears. N.E.

70.00

Leave sand, descend steep W. slope

80.00

Set a sandstone 24 x 6 x 4 ins. 18 ins. in the ground for cor. to secs. 21, 22, 27 & 28 marked 2 notches on S. and 3 on E. edges from which

A cedar 8 ins. diam. bears S. 73° 30' E. 22 lbs. dist marked T. 2 N. R. 24 E. S. 27 B.T.

A cedar 9 ins. diam. bears S. 73° 30' W. 16 lbs. dist marked T. 2 N. R. 24 E. S. 28 B.T.

A cedar 10 ins. diam. bears N. 18° 15' W. 100 lbs. dist marked T. 2 N. R. 24 E. S. 21 B.T.

A cedar 6 ins. diam. bears N. 56° E. 40 lbs. dist marked T. 2 N. R. 24 E. S. 22 B.T.

Attn: I search diligently for the cor. set at this

Subdivision of T. 2 N. R. 24 E.

Chs.	<p>^{by Deputy A. D. Ferron} point, but fail to find it. Land broken foothills Soil 4th rate very rocky Timber cedar and pines on S. 8.00 ohs Mountainous on N. 8.00 ohs</p>
	<p>East on a random line bet. secs. 22 & 27</p>
40.00	<p>Set temp 1/4 sec. cor. Search diligently for the 1/4 sec. cor. set by Deputy A. D. Ferron at this point but fail to find it.</p>
80.00	<p>Intersect N. & S. line at cor. to secs 22, 23, 26 & 27 Three 8 min</p>
	<p>West on a true line bet. secs. 22 & 27</p>
35.00	<p>Enter scattering cedar</p>
4000	<p>Set a sand stone 26 x 14 x 3 ins. 19 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. E. & W. of stone 3 ft. dist and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.</p>
	<p>from which</p>
	<p>A cedar live stem bears N. 54° 45' E 100 lbs dist. marked 1/4 S. 22 R.T.</p>
	<p>No other trees within limits</p>
57.00	<p>Enter cedar and pines and very broken ground</p>
55.50	<p>Gulch 50 ft. deep drains W.</p>
80.00	<p>The cor. to secs. 21, 22, 27 & 28</p>
	<p>Land rolling brush and mountainous</p>
	<p>Soil 2nd and 4th rate rocky</p>
	<p>Timber cedar and pines on W. 29.00 ohs</p>
	<p>Mountainous on N. 29.00 ohs</p>

Subdivision lines of T. 2 N. R. 24 E.

obs.	W. 0002 N. lot secs 21 & 22
	Around in cedars
16.15	N. edge of ledge forming right bank of Green River. Falls on solid sandstone ledge. I cut a cross (+) at the exact cor. point for Meander cor. to fract. secs. 21 & 22 and mark M.C. on N. and 3 grooves on E. sides from which A cedar 6 ins. diam. bears S. 66° 15' W. 40 lbs. dist. marked T. 2 N. R. 24 E. S. 21 M. C. B. T.
	A cedar 8 ins. diam. bears N. 59° E. 22 lbs dist. marked T. 2 N. R. 24 E. S. 22 M. C. B. T.
	After diligent search I fail to find the Meander cor. set at this point by Deputy A. D. Ferron I now measure the distance across Green River with steel tape and find it to be 5.95 chs.
22.10	Left Bank of Green River. Set a sandstone 24 x 18 x 12 ins. 18 ins. in the ground for Meander cor. to fract. secs. 21 & 22 marked M.C. on S. and 3 grooves on E. faces from which A cedar 7 ins. diam. bears N. 45° W. 50 lbs. dist marked T. 2 N. R. 24 E. S. 21 M. C. B. T.
	A dead cedar 5 ins. diam. bears N. 29° E. 93 lbs. dist. marked T. 2 N. R. 24 E. S. 22 M. C. B. T.
	After diligent search I fail to find the Meander cor. set at this point by Deputy A. D. Ferron
	Around
29.50	Four cedars, enter rolling bunch
40.00	Set a quartzite 20 x 13 x 5 ins. 15 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on E. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high. N. of sec. cor. It's impractical.
	After diligent search I fail to find the $\frac{1}{4}$ sec. cor. set at this point by Deputy A. D. Ferron.
80.00	Set a sandstone 14 x 7 x 6 ins. 10 ins. in the ground for cor. to secs 15. 16. 21 & 22, marked
29.50 50.50	

Subdivisions of T. 2 N. R. 24 E.

Chs.	<p>2 ft on N.E. and 24 E. on S.E. faces and 3 inches on S. and E. edges; dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and a mound of earth 4 ft. base 2 ft. high W. of cor.</p> <p>After diligent search I fail to find the sec. cor. established at this point by Deputy A. D. Tamm.</p> <p>Land mountainous and rolling back soil 4th and 2nd rate.</p> <p>Tinder cedars on S. 29.50 chs Mountainous on S. 29.50 chs.</p>
	<p style="text-align: center;"><i>Cast on a random line</i></p> <p style="text-align: center;">Lat. sec. 15 & 22</p>
4.00	<p>Set temp. $\frac{1}{4}$ sec. cor</p> <p>Intersect N. & S. line at cor to sec. 14. 15. 22 & 23</p> <p>thence S. and</p> <p>West on a true line</p> <p>Lat. sec. 15 & 22</p>
6.00	<p>Road to Rock Springs bears N. & S. in gully 50 ft. deep drains S.</p>
26.00	<p>Road bears NW. & S.E. in hollow 30 ft. deep drains S.E.</p>
40.00	<p>Set a sandstone 15x8x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face dug pits 18x18x12 ins. E & W. of stone 3 ft dist and raised a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high S. of cor.</p> <p>A cedar 8 ins. diam. bears S. $23^{\circ}W.$ 262 lbs dist. marked $\frac{1}{4}$ S. 22 P.T.</p> <p>A cedar 4 ins. diam. bears N. $60^{\circ}36'W.$ 179 lbs. dist marked $\frac{1}{4}$ S. 15 P.T.</p> <p>46.00 Gully 30 ft deep drains S.</p>

Subdivision T. 2 N. R. 24 E.

Chs.	
56.50	Gully 25 ft. deep drains S.
61.50	Gully 25 ft. deep drains S.
80.00	The cor. to sec. 15. 16. 21 & 22 Sand broken beach Soil 2 nd rate Timber scattering cedars on E. 4000 chs.

From the established cor. to sec. 15. 16.
21. & 22 in Lat. $40^{\circ} 54'$ N. Long. $109^{\circ} 32' W.$
on September 18th 1898 at 7 h. 35 m. P. M. I.
m. t. I observe Polaris at eastern elongation in
accordance with instructions in the Manual
and mark the line thus determined by a tack
driven into a plug set in the ground 5 chs. N.
of cor.

September 18th 1898

September 19th 1898 At 7 a.m. I lay off
the azimuth of Polaris $10^{\circ} 38'$ to the West and
mark the true Meridian thus determined by
a tack driven into a plug firmly set in the
ground West of the point established last
night. The mag. bearing of the said true
Meridian is W. $16^{\circ} 0' 3' S.$ which reduced by
the table on page 100 of the Manual gives
the mean magnetic declination 16° East

Thence I run

W. $0^{\circ} 0' 2' W.$ bet sec. 15 & 16

14.00	Gully 5 ft. deep drains S.E.
3400	Gully 5 ft. deep drains S.E.
40.00	Set a limestone 14 x 10 x 4 in. 10 in. in the ground for 1/4 sec. cor.; marked 1/4 on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor Pits impracticable

Geological Survey of T. 2 N. R. 24 E.

sho

51.00 Gully 5 ft. deep drains S.E.

54.50 Road to Rock Springs bears N.W. & S.E.

61.50 Enter cedars

63.00 Gully 5 ft. deep drains S.E.

79.50 Gully 5 ft. deep drains S.E.

80.00 Set a sandstone 20x11x4 ins. 15 ins. in the ground for cor. to secos 9.10.15 & 16 marked 4 matches on S. and 3 on E. edges from which

A cedar 5 ins. diam. bears S. 58° 25' E. 67 lbs. dist marked T. 2 N. R. 24 E. S. 15 B.T.

A cedar 10 ins. diam. bears N. 23° 08' E. 57 lbs. dist marked T. 2 N. R. 24 E. S. 10 B.T.

A piston 12 ins. diam. bears N. 58° W. 45 lbs. dist marked T. 2 N. R. 24 E. S. 9 B.T.

A cedar 8 ins. diam. bears S. 73° 05' W. 163 lbs dist marked T. 2 N. R. 24 E. S. 16 B.T.

Large rolling brush

Set 2nd date

Notes: Cedars on N. 18.50 chs

East on a random line
bet. secos. 10 & 15

46.00 Set trap 1/4 sec. cor.

80.18 Intersect N. & S. line 16 lbs. N. of cor. to
secos. 10.11.14 & 15

Trace dinner

N. 59° 53' 15" in a tree line

bet secos 10 & 15

8.00 Gully 10 ft deep drains S.

8.50 " " " "

10.50 " " " "

38.50 " " " " S. 35°

40.00 Set a sandstone 14x10x8 ins. 10 ins. in the

Subdivision of T. 2 N. R. 24 E.

Obs.	ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face - from which A cedar 18 ins. in diam. bears N. $73^{\circ}10' E.$ 64 lks. dist. marked $\frac{1}{4}$ S. 10 B. T.
6000	A cedar 8 ins. diam. bears S. $72^{\circ}30' E.$ 65 lks. dist. marked $\frac{1}{4}$ S. 15 B. T.
80.18	Hollow 30 ft. deep drains S.E. The cor. to secs. 9. 10. 15 & 16 Sand broken beach Soil 2nd rate stony Timber King Cedar in 80. 18 obs

N. $0^{\circ}02' W.$ lat. secs 9 & 10

13.00	Gully 5 ft. deep drains S.E.
15.00	" " " "
18.00	" " " "
31.00	" " " "
33.00	Ascend precipitous slope of Main Mountain
40.00	Falls on Quartzite 6 x 3 x 2 ft. above ground I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. and mark $\frac{1}{4}$ on W. side from which A piñon 12 ins. diam. bears S. $67^{\circ}10' W.$ 21 lks. dist. marked $\frac{1}{4}$ S. 9 B. T.
	A piñon 7 ins. diam. bears S. $80^{\circ} E.$ 41 lks. dist. marked $\frac{1}{4}$ S. 10 B. T.
63.50	Enter broken plateau - Ascend more gradual.
80.00	Quartzite 15 x 10 x 5 ins. 10 ins. in the ground for cor. to secs 3. 4. 9 x 10 marked 5 notches on S. and 3 on E. edges from which A piñon 8 ins. diam. bears S. $66^{\circ} E.$ 25 lks. dist. T. 2 N. R. 24 E. S. 10 B. T.
	A piñon 8 ins. diam. bears N. $69^{\circ}10' E.$ 17 lks. dist.

Subdivision of T. 2 & R. 24 E.

chs	<p>marked T. 2 N. R. 24 E. S. 3 B. T. A cedar 5 in. diam. bears S. 52° 10' W. 8 lbs. dist. marked T. 2 N. R. 24 E. S. 9 B. T. A piñon 7 in. diam. bears N. 70° 15' W. 19 lbs. dist. marked T. 2 N. R. 24 E. S. 4 B. T. Land rolling brush and mountain Soil 2nd and 4th rate Timber cedar on 80.00 chs. Miscellaneous on timber on 80.00 chs</p>
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S. 89° 53' E. on a random line
 lot. sec. 3 x 10

40.00	Set temp 1/4 sec. cor.
80.30	Intersect st. & S. line 10 lbs. N. of cor. to sec 2. 3. 10 & 11
	Timber & mu
	N. 89° 49' W. on a true line
	lot. sec. 3 x 10

Second

4.00	Cliff 20 ft. high bears N.E. & S.W.
3.00	Gulch 300 ft. deep drains S.
40.15	Set a sandstone 20 x 12 x 6 in. 15 in. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Bits imperceptible No suitable bearing trees within limits
65.00	Enter plateau bears N.E. & S.
80.30	The cor. to sec. 3. 4. 9 x 10 Land broken mountains Soil 4 th rate - rocky Timber, cedar & piñon on 80.30 chs. Miscellaneous on 80.30 chs

Subdivisions of T. 2 N. R. 24 E.

Chs.	
	N. 0°02' W. on a sandstone line bet. secs. 3 & 4
40.00	Set traps $\frac{1}{4}$ sec. cor.
80.40	Intersection N. Bdy. of Twp. at cor. to secs. 3, 4. 33 & 34 heretofore described than I run
	N. 0°02' E. on a true line bet. secs 3 & 4
	Ascend
25.50	Cliff 50 ft. deep bears E. & W. - gradual descent on plateau
40.40	Set a sandstone 20 x 12 x 8 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor. Pits impracticable The cor. to secs 3, 4, 9 & 10
80.40	Head broken mountains Soil 4 th onto rocky Timber scattering cedar and piñon Mountains on 80.40 chs

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From the established cor. to secs. 4, 5, 32 &
33 on S. Bdy. of 1st. heretofore described
I run

N. 0°03' W. bet secs. 32 & 33

	Ascend
20.00	Ridge 1000 ft high bears E & W.
40.00	Set a sandstone 12 x 8 x 6 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a stone mound 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
43.00	Head of hollow draws NE. - Enter piñon

Subdivisions of T. 2 N. R. 24 E.

obs	and cedar
44.00	Ridge spur 500 ft. high bears N.E. have timber
77.00	
-80.00	On ridge spur 150 ft. high bears N.E. set a sandstone 18x10x6 ins. 12 ins. in the ground for cor. to sec. 28. 29. 32 x 33 marked 1 notch I. and 4 notches on E. edges and raised a mound of stone 2 ft. high 1 1/2 ft. high W. of cor. Site impracticable
	A pinon 7 ins. diam. bears N. 47° W. 82 lbs dist. marked T. 2 N. R. 24 E. S. 29 D. T.
	A pinon 10 ins. diam bears S. 15° 50' E. 143 lbs. dist. marked T. 2 N. R. 24 E. S. 33 D. T.
	No other tree within limits
	Land broken mountains
	Foil 3 rd rate - rocky
	Timber cedar and pinon on 34.00 obs
	Mountainous on 80.00 obs

$N. 89^{\circ} 59' E.$ on a random line
dist. sec. 28 & 33

40.00	Set traps 1/4 sec. cor.
80.00	Intersect N. & S. line 3 lbs. W. of cor to sec. 27. 28. 33 & 34
	Timber I saw
	West on a true line
	dist. sec. 28 & 33
9.00	Hollow 40 ft. deep drains N.E.
18.00	have cedars
20.00	Ridge spur 100 ft. high bears N.E.
23.00	Hollow 50 ft. deep drains N.
35.00	Ridge spur 100 ft. high bears N.E.
40.00	Set a sandstone 18x8x6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound 2 ft. base 1 1/2 ft.

Subdivision of T. 2 W. R. 24 E.

obs	high st. of cor. - Site impracticable A pinon 8 in. diam. bears N. 57° E. 104 lbs. dist. marked $\frac{1}{4}$ S. 28 B.T. No other trees within limits
40.50	Hollow 50 ft. deep drains N.E.
52.00	Ridge spur 200 ft. high bears N.E.
60.50	Hollow 50 ft. deep drains N.E.
67.00	Ridge spur 150 ft. high bears N.E.
71.00	Hollow 50 ft. deep drains N.E.
80.00	The cor. to secs 28. 29. 32 & 33 Land broken mountainous Soil 4th rate - rocky Timber cedar on 18.00 obs. scattering on balance Mountainous on 80.00 obs

	N. 0°03' W. lot secs. 28 & 29
	Described
17.00	Gulch 50 ft. deep drains N.E.
40.00	Set a sandstone 17 x 10 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face from which
	A cedar 6 in. diam. bears N. 81° E. 27 lbs. dist. marked $\frac{1}{4}$ S. 28 B.T.
	A cedar 7 ins. diam. bears S. 60° 45' W. 40 lbs. dist. marked $\frac{1}{4}$ S. 29 B.T.
52.00	Ridge spur 200 ft. high bears N.E.
65.00	Timber
71.00	Enter Green River bottom
75.75	Right bank of Green River. Set a sandstone 15 x 12 x 7 ins. 10 ins. in the ground for timber cor. to front. obs. 28 & 29 marked M.C. on N. and 4 notches on E. faces from which
	A cedar 6 ins. diam. bears S. 21° 15' E. 140 lbs. dist. marked T. 2 W. R. 24 E. S. 28 M. C. B.T.
	A cedar 9 ins. diam. bears S. 69° 15' W. 50 lbs. dist. marked T. 2 W. R. 24 E. S. 29 M. C. B.T.

Subdivision of T. 2 N. R. 24 E.

chs	I measure across Green River with tape and find the distance to be 4.25 chs Left bank of Green River. Falls on a stone 30 x 24 x 8 ins. above ground; I cut a cross at the exact cor point for Meander cor to read. sec. 28 & 29 and sec. cor to sec. 20. 21. 28 & 29 marked M. C. on S. face and 2 grooves on S. and 4 on E. faces and raised a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high S. of cor. Pits impracticable.
8.00	A pine 24 ins. diam. bears S. 86° 15' E. 257 lbs dist. marked T. 2 N. R. 24 E. S. 28 M. C. B. T.
7.00	A pine 24 ins. diam. bears N. 73° 50' W. 170 lbs dist. marked T. 2 N. R. 24 E. S. 20 B. T.
9.00	No other trees within limit Land broken mountains Soil 3rd & 4th rate - rocky Timber cedar on pine on 6500 chs. Mountains on 71.00 chs.

East on a random line
but sec. 21 & 28

7.50	Left Bank of Green River. Set temp. M. C. three I offset North 5.00 chs. East. 29.10 " South 5.00 " to
36.60	Left Bank of Green River - Set temp. M. C.
4.00	Set temp. 1/4 sec. cor.
49.35	Left Bank of Green River Set temp. M. C. three I place a flag on hill on the right bank of Green River and lay out a base of 5.00 chs. to the north from which flag on line bears S. 65° 16' E. The nat. tang. of 65° 16' is $2 \cdot 1708 \times 5 = 10.85$ chs is the distance to the flag; therefore at

Subdivision of T. 2 N. R. 24 E.

- | Chs. | |
|-------|--|
| 60.50 | Right bank of Green River. Set temp. M.C.
Intersect W. & S. line at cor. to secos |
| 80.02 | 21. 22. 27 & 28
Through I now
West on a true line
Int. secos. 21 & 28 |
| | <i>Second</i> |
| 15.00 | Mouth of gulch heads S.E. - Enter Green
River Bottom. Hear cedars |
| 19.82 | Right bank of Green River. Set a sand-
stone 16x12x3 ins. 11 ins. in the ground for
Meander cor. to fract. secos. 21 & 28 marked M.C.
on W. and 2 grooves on S. faces and raised
a mound of stone 2 ft. base 1 1/2 ft. high
E. of cor. Pits impracticable |
| 30.64 | Left Bank of Green River - Enter Cedars.
Set a quartzite 30x14x12 ins. 23 ins. in the
ground for Meander cor. to fract. secos. 21 &
28 marked M.C. on E. and 2 grooves on S.
faces
from which
A pine 20 ins. diam. bears I. 57030 W. 38 lbs.
dist. marked T. 2 N. R. 24 E. I. 28 M.C. B. T.
A pine 30 ins. diam. bears W. 59° E. 130 lbs. dist
marked T. 2 N. R. 24 E. I. 21 M.C. B. T. |
| | <i>Second</i> |
| 40.01 | Falls on sandstone 3x2x1 foot above ground
I cut a cross(+) at the east cor. point for 1/4 sec.
cor marked 1/4 on N. side
from which
A cedar 6 ins. diam. bears I. 36° E. 23 lbs. dist.
marked 1/4 I. 28 B. T. |
| | A dead cedar 10 ins. diam bears W. 34° W. 55 lbs.
dist. marked 1/4 I. 21 B. T. |
| | <i>Second</i> |
| 43.42 | Left bank of Green River. Falls on
quartzite 30x24x12 ins. above ground. |

Subdivision of T. 2 of R. 24 E.

obs	<p>I cut a cross(t) at the east cor. point for Wendy co. to pass. secs. 21 & 28 marked M. Con W. and 2 grooves on S. faces from which</p> <p>A cedar 10 ins. diam. bears N. 83° E. 46 lbs. dist. marked T. 2 N. R. 24 E. S. 21 M. C. B. T.</p> <p>A pine 7 ins. diam. bears S. 59° W. 41 lbs. dist. marked T. 2 N. R. 24 E. S. 28 M. C. B. T.</p> <p>Now the line falls in River. To</p> <p>72.52 kept Bank of Green River. Set a quarry- ite 30x16x12 ins. 23 ins. in the ground for M. C. to pass. secs. 21 & 28 marked M. C. on E. and 2 grooves on S. faces from which</p> <p>A pine 30 ins. diam. bears S. 47° 30' W. 26 lbs. dist. marked T. 2 N. R. 24 E. S. 28 M. C. B. T.</p> <p>A pine 18 ins. diam. bears N. 94° 30' E. 155 lbs. dist. marked T. 2 N. R. 24 E. S. 21 M. C. B. T.</p>
80.02	<p>The cor. to secs. 20, 21, 28 & 29 hand broken cotton soil 4th rate rocky Timber cedar and pine on 64.35 obs. Mountainous on 80.02 obs</p>

N. 0° 03' W. lot secs. 20 & 21

6.00	Ground from cotton.
26.00	Gully 10 ft. deep. drains S. W.
30.50	Same gully 10 ft. deep. drains S. E.
40.00	Enter high broken plateau
	Set a quarryite 18x8x6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A pine 4 ins. diam. bears S. 31° 20' W. 27 lbs. dist. marked 1/4 S. 20 B. T.
	A pine 8 ins. diam. bears S. 74° 30' E. 33 lbs. dist. marked 1/4 S. 21 B. T.

Subdivisions of T. 2 N. R. 24 E.

Obs.	
48.00	Timber cedar and pine.
78.00	Gully 15 ft deep drains S.E.
80.00	Search diligently for the cor. set by Deputy A. D. Ferron at this point but fail to find it. Set a sandstone 15x12x8 ins. 10 ins. in the ground for cor. to sec. 16, 17, 20 & 21 marked 3 scratches on S. and 4 on E. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor. Pits impracticable
	A cedar 24 ins. diam. bears S. 36° 48' E. 250 lbs. dist. marked T. 2 N. R. 24 E. S. 21 B. T. No other trees within limits.
	Land mostly broken plateau Soil 3rd rate - rocky Timber cedar and pine in T. 48.00 Obs Mountainous on 80.00 obs

East on a random line
bet. sec. 16 x 21

40.00	Search diligently for the cor. set by Deputy A. D. Ferron at this point but fail to find it. Set temp ¼ sec. cor.
80.00	Intersect N. & S. line at cor. to sec 15, 16, 20 & 21 Same I own
	West in a true line bet. sec. 16 x 21
40.00	Set a sandstone 15x8x6 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N. face from which A cedar 6 ins. diam. bears N. 57° 17' E. 54 lbs. dist marked ¼ S. 16 B. T.
	A cedar 3 ins. diam. bears S. 20° 35' W. 118 lbs. dist. marked ¼ S. 21 B. T.
58.50	Westerly Gully 5 ft. deep 10 lbs wide drains S.

Subdivision of T. 2 N. R. 24 E.

cts.

- 80.00 The cor. to sec. 16, 17, 20 & 21
land broken plateau.
Soil 2nd rate
Timber - scattering cedar

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N. 0°03' W. lot sec. 16 x 17

- 40.00 Lot a quartzite 15 x 14 x 6 ins. 10 ins. in the gov
for 1/4 ac. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of cor
lot impracticable.
A cedar 14 ins. diam. bears N. 73° 30' W. 24 lbs
marked 1/4 S. 1/4 B.T.
No other trees within limits.
80.00 Lot a sandstone 18 x 10 x 7 ins. 12 ins. in the
gov cor. to sec. 8, 9, 16 & 17 marked 4 notches on
S. and E. edges
from which
A cedar 18 ins. diam. bears N. 73° 30' W. 24 lbs.
dist. marked T. 2 N. R. 24 E. S. 8 B.T.
A pine 5 ins. diam. bears S. 21° 33' W. 30 lbs.
marked T. 2 N. R. 24 E. S. 17 B.T.
A cedar 8 ins. diam. bears S. 30° 20' E. 58 lbs. dist.
marked T. 2 N. R. 24 E. S. 16 B.T.
A cedar 4 ins. diam. bears N. 82° 45' E. 42 lbs.
dist. marked T. 2 N. R. 24 E. S. 9 B.T.
Land high rolling bench
Soil 2nd rate
Timber scattering cedar

East on a random line
lot sec. 9 & 16

- 40.00 Lot timber. 1/4 ac. cor.

Subdivisions of T. 2 N. R. 24 E.

chrs. 8000	Intersect W. & S. lines at cor. to sec. 9, 10 15 & 16. Then I ran West on a true line bet. secs 9 & 16
0.50	Gully 5 ft. deep drains S.E.
9.00	" " " "
19.00	" " " "
29.50	Road to Rock Springs bears N.W. & S.E.
40.00	Set a limestone 16 x 12 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which A cedar 15 ins. diam. bears S. 61° E. 47 lbs. dist. marked 1/4 S. 16 B. T.
	A cedar 10 ins. diam. bears N. 82° 09' W. 132 lbs. dist. marked 1/4 S. 9 B. T.
47.00	Gully 5 ft. deep drains W.
80.00	The cor. to secs 8, 9, 16 & 17 Sand broken beach Soil 3rd rate Timber - scattering cedar

N. 0° 03' W. bet. secs. 8 & 9

17.50	Gully 15 ft. deep drains W.
23.50	Ridge 25 ft. high bears E. & W.
37.50	Road to Rock Springs bears N.W. & S.E.
40.00	Set a sandstone 20 x 11 x 4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which A cedar 5 ins. diam. bears S. 54° 15' W. 24 lbs. dist. marked 1/4 S. 8 B. T.
	A cedar 8 ins. diam. bears N. 63° 15' E. 12 lbs. dist. marked 1/4 S. 9 B. T.
43.50	Ascend steep S. slope of Main Mountain

Subdivision of T. 2 N. R. 24 E.

obs.	
61.00	Ridge 500 ft high bears E. & W. - into Red Creek Cañon
79.00	Road to Rock Springs bears N.E. & S.W.
79.10	Red Creek 15 Mts. wide 4 min. deep runs S.W. in bottom of cañon 100 ft. deep
- 80.00	Set a quartzite 20 x 10 x 7 ins. 15 ins. in the ground for cor. to sec. 4. 5. 8 & 9 marked 5 notches on S. and 4 on E. edges from which A pine 8 ins. diam. bears. S. 27° 28' E. 34 lbs. dist marked T. 2 N. R. 24 E. T. g. B. T.
	A cedar 6 ins. diam. bears N. 20° 53' E. 33 lbs. dist marked T. 2 N. R. 24 E. T. 4 B. T.
	A pine 10 ins. diam. bears S. 69° 52' W. 30.4 lbs. dist marked T. 2 N. R. 24 E. T. 8 B. T.
	A cedar 6 ins. diam. bears N. 69° W. 22.4 lbs. dist marked T. 2 N. R. 24 E. T. 5 B. T.
	Land broken brush and mountains Soil 3rd and 4th onto rocky Timber scattering pine and cedar Mountainous on 80.00 obs.

East on a random line
Set. sec. 4 & 9

40.00	Set temp. 1/4 sec. cor.
80.10	Entered N. & S. line 20 Mts. E. of cor. to sec. 3. 4. 9 & 10 Thickness 3 min., S. 89° 51' W. on a true line Set. sec. 4 & 9
40.09	Set a quartzite 18 x 7 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 m. at face from which A portion of a diam. bears S. 83° 47' W. 22.2 lbs

Subdivision of T. 2 N. R. 24 E.

Obs.	dist. marked $\frac{1}{4}$ S. 9 B. T. A cedar 8 in. diam. bears N.E. & S.W. dist. marked $\frac{1}{4}$ S. 4 B. T.
53.00	Descend into Red Creek Cañon
78.50	Road to Rock Springs bears N.E. & S.W.
79.90	Red Creek 15 lbs. wide 4 ins. deep runs S.W. in bottom of cañon 100 ft. deep.
80.18	The cor. to sec. 4. 5. 8 & 9 Rock broken mountains Soil 4 th rate rocky Timber scattering pine & cedar Mountains on 80.18 obs

$N. 0^{\circ} 03' W.$ on a random line
between sec. 4 & 5

40.00	Set triang. $\frac{1}{4}$ sec. cor.
80.30	Entered N. End of Tp. 19 lbs. E. of cor. to sec. 4. 5. 32 & 33 hilly top described Thinner & more
	$S. 00^{\circ} 11' E.$ on a true line bet. sec. 4 & 5

1.00	Ascend into Red Creek Cañon
4.00	Ridge spur 150 ft. high bears S.E. Gulch 75 ft. deep drains S.E.
17.00	Ridge spur 75 ft. high bears S.E.
21.00	Gulch no ft. deep drains S.W.
30.00	S.W. point of ridge spur.
37.00	" " " "
40.30	Set a quantity 12 x 8 x 6 ins. Sun. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a stone around 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impractical
42.00	Road to Rock Springs bears N.W. & S.E.
43.00	Red Creek 15 lbs. wide 4 ins. deep runs S.E. in bottom of cañon 100 ft. deep - Ascend

Subdivision of T. 2 N. R. 24 E.

obs.	
45.00	N.E. point of ridge
52.50	Hollow 20 ft. deep drains N.E.
60.00	Ridge spur 100 ft. high bears N.E.
- 80.00	The cor. to secs 4. 5. 8 & 9 Land broken canon Soil 4 th rate rocky Timber scattering pine & cedar Mammalians on 80. 30 obs

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	From the established cor. to secs. 5. 6. 31 & 32 32 on S. End of Tp. horizon described I now
32.00	Ascend gradually to main ridge Enter broad ridge spur 400 ft. high bears S.W.
37.00	Leave canon - Ascend
40.00	Set a sandstone 20 x 12 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. It's impractical
43.00	Ridge spur 400 ft. high bears W.
58.00	Hollow 50 ft. deep drains W.
74.00	Main Ridge 2500 ft. above Green River bears N.W. & S.E. - Ascend towards River
- 80.00	Set a sandstone 18 x 8 x 5 ins. 12 ins. in the ground for cor. to secs 29. 30. 31 & 32 marked 1 on S. and 5 on E. edges from which
	A cedar 6 ins. diam. bears N. 39° W. 4 lbs. dist. marked T. 2 N. R. 24 E. L. 30. B.T.
	A pine 10 ins. diam. bears N. 56° 15' E. 44 lbs. dist. marked T. 2 N. R. 24 E. L. 29 B.T.
	A pine 10 ins. diam. bears S. 76° 15' W. 83 lbs. dist. marked T. 2 N. R. 24 E. L. 31 B.T.

Subdivision of T. 2 N. R. 24 E.

obs.

A pine 8 ins. diam. bears S. 17° E. 133 lbs
dist. marked T. 2 N. R. 24 E. T. 32 B. T.
Land high broken mountains
Soil 4th rate - rocky
Timber scattering pine & cedar
Mountainous on 80.00 obs

N. 89° 59' E. on a random line
but. secos 29 & 32

4000

Set temp. 1/4 sec. cor.

8000

Intersect W. & S. line 3 lbs. W. of cor to secos
28. 29. 32 & 33

Then I run

West on a true line
but secos 29 & 32

10000

Gulch 50 ft. deep drains N.E.

24. 40

Cliff 10 ft. high bears N.W. & S.E.

38. 00

Ridge open 800 ft. high bears N.

4000

Falls on sandstone 4 x 4 x 3 ft. above ground
I cut a cross (+) at the exact cor. point for 1/4
sec. cor. marked 1/4 on N. side and raise
a mound of stone 2 ft. base 1 1/2 ft. high
N. of cor. sets imperceptible

A dead Mahogany 6 ins. diam. bears S. 51° 50' W.
50 lbs. dist. marked 1/4 T. 32 B. T.

No other trees within limits

53. 00

Hollow 150 ft. deep drains N.E.

63. 00

Head of hollow drains N.E.

73. 00

Cliff 30 ft. deep bears N.E. & S.W.

74. 00

Head of hollow drains N.E.

8000

The cor. to secos 29. 30. 31 & 32

Land broken mountains

Soil 4th rate - rocky

Timber scattering mahogany pine and
cedar.

Subdivision of T. 2 N. R 24 E.

Sds.	Mountains on 80.00 chs
	$S. 89^{\circ} 59' W.$ on a random line bet. sec. 30 & 31
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Interest W. Bdy. of Tp. 3 Ms. S. of cor. to secs. 25, 30, 31 & 36 heretofore described
	Thence 2 mms
	East on a true line bet secs. 30 & 31
35.50	Ridge spur 500 ft. high bears S.W.
39.90	Tells on solid sandstone ledge. I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. mark $\frac{1}{4}$ on W. side and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
56.00	Hollow 100 ft. deep drains S.W. S.E.
77.00	margin ridge 250 ft. high bears N.W. S.E.
79.90	The cor. to secs 29, 30, 31 & 32
	Land broken mountains
	Soil 4 th rate rocky
	Timber scattering pine & cedar
	Mountains on 79.90 chs
	$N. 0^{\circ} 04' W.$ bet. sec. 29 & 30
	Descend broken N.E. slope into Green River valley.
40.00	Set a quartzite 15 x 7 x 7 ins 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ feet high W. of cor. Pits impracticable
80.00	Set a sandstone 20 x 8 x 6 ins. 15 ins. in the

Subdivisions of T. 2 N. R. 24 E.

ch.s.

ground for cor to secos 19. 20. 29 & 30 marked
2 notches on S. and 5 on E. edges
from which

A cedar 8 ins. diam. bears S. $18^{\circ}45' W.$ 18 chs. dist.
marked T. 2 N. R. 24 E. S. 30 B.T.

A cedar 12 ins. diam. bears S. $53^{\circ}30' E.$ 27 chs
dist. marked T. 2 N. R. 24 E. S. 29 B.T.

A cedar 10 ins. diam bears N. $51^{\circ}10' E.$ 46 chs.
dist. marked T. 2 N. R. 24 E. S. 20 B.T.

A piñon 8 ins. diam. bears N. $72^{\circ} W.$ 48 chs
dist. marked T. 2 N. R. 24 E. S. 19 B.T.

Gard broken mountain slope
Soil 4th rate rocky

Timber, scattering cedar & piñon
Mountainous on S.E. side

East on a random line
bet. secos 20 & 29

40.00 Set temp 14 sec. cor.

61.52 Right Bank of Green River. Set temp M.C.

I now place a flag on line at the cor.
to secos 20. 21. 28 & 29 on the left bank of
Green River and from the point reached
measure a line S. $63^{\circ} E.$ 9.40 chs to a
point from which the flag bears N. $67^{\circ}09' E.$
therefore sin $22^{\circ}51'$: sin $130^{\circ}09'$: log 9.40: dist.
and to flag = 18.50 chs thus at

80.02 Intersect N. & S. line on left bank of Green
River at cor. to secos 20. 21. 28 & 29 which is
also the Meander cor. to fract. sec. 20 & 29

There I run

West on a true line
bet. secos. 20 & 29

18.50

Right bank of Green River. Set a sandstone
15 x 8 x 5 ins. 10 ins. in the ground for M.C.

Subdivision of T. 2 N. R. 24 E.

obs to first sec 20 & 29 marked M. C. on E.
2 grooves on S. faces
from which

A cedar 15 ins. diam. bears N. 75° 15' W. 120
lbs. dist. marked T. 2 N. R. 24 E. S. 20 M. C. B. T.

A cedar 50 ins. diam. bears S. 18° W. 40 lbs. dist.
marked T. 2 N. R. 24 E. S. 29 M. C. B. T.

28.00 Around in from River Canon.

40.01 Set a sandstone 20x10x8 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft.
high N. of cor. Sets impractical

- 80.02 The cor. to secs 19. 20. 29 & 30

Good broken canon

Soil 4th rate - rocky

Timber scattering cedars

Mountainous on 80.02 obs

West on a random line
but secs 19 & 30

40.00 Set temp $\frac{1}{4}$ sec. cor.

79.60 Intersect W. Edge of Tp. 23 lbs. S. of cor. to
secs. 19. 24. 25 & 30 horizon described
Then I run

S. 89° 50' E. on a true line
but. secs. 19 & 30

8.00 Hollow 25 ft. deep drains N.

35.50 Cliff 20 ft. deep bears N. 45° & E.

39.60 Set a sandstone 20x10x6 ins. 15 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
from which

A pinon 12 ins. diam. bears N. 06° 45' E. 681
dist marked $\frac{1}{4}$ S. 19 B. T.

A dead cedar 16 ins. diam. bears S. 34° 30' W. 281
dist., marked $\frac{1}{4}$ S. 30 B. T.

Subdivision of T. 2 N. R. 24 E.

- | | |
|-------|--|
| obs | |
| 79.60 | The cor. to sec. 19, 20, 29 & 30
Land broken mountains
Silt 4 $\frac{1}{2}$ feet - rocky
Timber scattering cedar and pine
Mountains on 79.60 obs |

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W. 0°04' W. lat. sec. 19 & 20

- | | |
|-------|---|
| obs | |
| 16.76 | Ascend in Green River Canon
Right bank of Green River. Fit a sandstone
20 x 12 x 6 ins. 15 ins. in the ground for Meander
cor. to sec. 19 & 20 marked M. C. on S.
and 5 grooves on E. faces and raised a
mass of stone 2 ft. base 1 $\frac{1}{2}$ ft. high S. of
corner - fits impracticable |
| 20.80 | I now measure across the River with steel
tape and find the distance to be 4.04 obs.
Left bank of Green River. Fit a sandstone
18 x 6 x 6 ins. 12 ins. in the ground for Meander
cor. to sec. 19 & 20 marked M. C. on S. and
5 grooves on E. faces.
from which
A pine 15 ins. diam. bears S. 51° 15' 15 lbs. dist.
marked T. 2 N. R. 24 E. S. 19 M. C. B. T.
A pine 24 ins. diam. bears S. 42° 17' 6. 57 lbs.
dist. marked T. 2 N. R. 24 E. S. 20 M. C. B. T.
Ascend from canon
Fit a sandstone 30 x 10 x 6 ins. 23 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on S. face
from which
A pine 10 ins. diam. bears S. 87° 15' E. 55 lbs. dist.
marked $\frac{1}{4}$ S. 20 B. T.
A pine 24 ins. diam. bears S. 58° N. 30 lbs. dist.
marked $\frac{1}{4}$ S. 19 B. T. |

Subdivision of T. 2 N. R. 24 E.

obs.	
42.50	Enter broken plateau bears W.W. & S.E. Belly 15 ft. deep drains S.W.
68.50	Falls on a quartzite $10 \times 3 \times 1\frac{1}{2}$ ft. along I cut across (+) at the road cor point for cor to sec 17. 18. 19 & 20 marked 3 grooves on S. and 5 on E. sides from which
- 80.00	A cedar 5 ins. diam. bears S. $33^{\circ} E.$ 14 lbs. dist. marked T. 2 N. R. 24 E. S. 20 B.T.
	A pine 5 ins. diam. bears S. $25^{\circ} 10' W.$ 32 lbs. dist. marked T. 2 N. R. 24 E. S. 19 B.T.
	A pine 5 ins. diam. bears N. $26^{\circ} 56' E.$ 23 lbs. dist. marked T. 2 N. R. 24 E. S. 17 B.T.
	A pine 20 ins. diam. bears N. $58^{\circ} 15' W.$ 82 lbs. dist. marked T. 2 N. R. 24 E. S. 18 B.T.
	Hand broken canon and plateau Soil 3rd rate rocky Timber pine and cedar on 80.00 obs Mountainous on 80.00 obs.

East on a random line but. sec. 17 & 20	
23.50	Search for Deputy Ferrars No. to sec 17. 18. 19 & 20 but fail to find it.
40.00	Set temps $\frac{1}{4}$ sec. cor. No trace of $\frac{1}{4}$ sec. cor set by Deputy Ferrars
80.00	Intersect N. & S. line at cor. to sec 16. 17. 20 & 21
	Then I run
West on a true line but. sec. 17 & 20	
4.50	Gulch 20 ft. deep drains S.E.
40.00	Set a sandstone $18 \times 11 \times 7$ ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which
	A cedar 15 ins. diam. bears N. $84^{\circ} 15' E.$ 94 lbs. dist. marked $\frac{1}{4}$ S. 17 B.T.

Subdivision of T. 2 N. R. 24 E.

- obs. A cedar 18 ins. diam. bears S. $0^{\circ}30'W.$ 278 ft.
dist. marked 44 S. 20 D.T.
80.00 The cor. to secs 17. 18. 19 & 20
Land broken plateau
Soil 3rd rate rocky
Timber cedar and pine on 80.00 obs
Mountainous on 80.00 obs

W. $89^{\circ}50'W.$ on a random line
bet secs 18 & 19

- 32.90 Left Bank of Green River Set temp. M.C.
I now measure a line North of 2.97 obs
to a point from which a flag placed on line on
the Right Bank of Green River bears S. $70^{\circ}45'W.$
the Dist. tang. of which is L. 8636 x 2.97 shows
the distance across the river to be 8.50 obs
41.40 Right bank of Green River. Set temp. M.C.
79.28 Intersect W. Bdy. of Tp. 11 Ms. st. of cor to
secs. 13. 18. 19 & 24 housetop described
There I run
S. $89^{\circ}55'E.$ on a true line
bet. secs. 18 & 19

- 14.00 Gulch 150 ft. deep drains st.
22.00 Ridge spur 250 ft. high bears N. $60^{\circ}E.$
Descend into Green River Canon
37.88 Right bank of Green River Set a sandstone
15 x 10 x 8 ins. 10 ins. in the ground for Meander
Cor. to fall. secs. 18 & 19 marked M.C. on E.
and 3 grooves on S. face
from which
A pinon 10 ins. diam. bears S. $30'W.$ 29 Ms. dist.
marked T. 2 N. R. 24 E. S. 19 M. C. D.T.
A cedar 12 ins. diam. bears S. $0^{\circ}30'W.$ 55 Ms.
dist. marked T. 2 N. R. 24 E. S. 18 M. C. D.T.
39.28 True $\frac{1}{4}$ sec. cor point falls in River cannot

Subdivision of T. 2 N. R. 24 E.

Chs	be established
46.38	Left bank of Green River Set a sandstone 16x8x5 ins. 11 ins. in the ground for Meander cor. to fract. sec. 18x19 marked M. C. on W. 3 grooves on S. faces from which A pine 24 ins. diam. bears $\text{S. } 38^{\circ} 18' \text{ W. } 37 \text{ lbs.}$ marked T. 2 N. R. 24 E. S. 19 M. C. B. T. A pine 8 ins. diam. bears $\text{W. } 31^{\circ} 20' \text{ E. } 22 \text{ lbs.}$ marked T. 2 N. R. 24 E. S. 18 M. C. B. T. Ascend from canyon
61.50	Enter plateau bears N.E. & S.
- 79.28	The cor to sec. 17. 18. 19 & 20 Land broken slopes and plateau Soil 4 th rate rocky Timber cedar and pinon on 79.28 chs. Mountainous on 79.28 chs

N. $0^{\circ} 0' 4''$ W. lat. sec. 17 & 18

40.00	Over broken plateau Set a sandstone 18x8x5 ins. 12 ins. in the for 1/4 sec. cor. marked 1/4 on W. face from which A pine 6 ins. diam. bears $\text{S. } 42^{\circ} \text{ E. } 17 \text{ lbs. dist.}$ marked 1/4 S. 17 B. T.
45.00	A pine 8 ins. diam. bears $\text{W. } 54^{\circ} 30' \text{ W. } 8 \text{ lbs. dist.}$ marked 1/4 S. 18 B. T.
60.00	Leave cedars descend
- 80.00	Red Creek 15 lbs. wide 4 ins. deep runs S. W. in gulch 50 ft. deep - Ascend falls on sandstone 2x2x1 ft. above ground. I cut a cross(+) at the exact cor. in for cor. to sec. 7. 8. 17 & 18 marked 4 grooves on S. and 5 on E. sides and raised a wall of stone 2 ft. base 1 1/2 ft. high W. of cor. - Pitt impracticable

Subdivision of T. 2 d. R. 24 E.

chs. Land broken plateau
 Soil 3rd rate - rocky
 Timber cedar and pine on S. 45.00 chs
 Mountainous on 80.00 chs

E
 East on a random line
 lat. sec. 8 x 17

23.50 Search for W.C. to sec. 7. 8. 17 & 18 cut by Deputy Farm but fail to find it.
 40.00 Set temp. 1/4 sec. cor.
 80.10 Interest N. & S. line 1/4 Ms. S. of cor. to
 sec. 8. 9. 16 x 17

Then I run ✓
S. 89° 54' W. on a true line
 lat. sec. 8 x 17

24.00 Red Creek in bottom of grassy swale runs
 S.W. 15 ms. wide 4 ins. deep. — Ascend
 40.05 Set a quartzite 12 x 10 x 8 ms. 8 ins. in the ground
 for 1/4 sec. cor. marked 1/4 on N. face and
 raised a mound of stone 2 ft. base 1 1/2 ft. high
 N. of cor. Sets impracticable
 45.00 Ridge spur 25 ft. high bears S.E.
 Gulch 30 ft. deep drains S.E.
 56.00 S.E. point of ridge
 Gulch 50 ft. deep drains S.E.
 77.50 The cor. to sec. 7. 8. 17 & 18
 Land broken plateau and grassy swale
 Soil 3rd and 2nd rate
 Timber scattering cedar and pine
 Mountainous on 80.10 chs

N. 89° 55' W. on a random line
 lat. sec. 7 x 18

40.00 Set temp. 1/4 sec. cor.

Subdivision of T. 2 N. R. 24 E.

obs.	
78.9	Entered W. Bdy. of Twp. 22 Mts. dr. of cor. to secs. 7, 12, 13 & 18 heretofore described Then I run $N.89^{\circ}56'E.$ on a true line bet. secs. 7 & 18
13.00	Canyon 100 ft. deep drains S.W.
29.00	Ridge spur 300 ft. high bears S.W.
34.00	Gulch 50 ft. deep drains S.W.
38.90	On S. point of ridge spur 100 ft. high falls on a sandstone 10x6x3 ft. above ground. I cut a cross(+) at the exact cor. point for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N. side from which A pine 5 in. diam. bears S. $23^{\circ}W.$ 50 lbs. dist. marked $\frac{1}{4}$ S. 18 B.T. A cedar 8 in. diam. bears N. $62^{\circ}W.$ 60 lbs. dist. marked $\frac{1}{4}$ S. 7 B.T.
42.00	Gulch 40 ft. deep drains S.
58.00	Ridge 200 ft. high bears N. & S.
78.90	The cor. to secs. 7, 8, 17 & 18 Hard broken mountains Soil 4 th rate rocky. Timber cedar & pine on 78.90 obs Mountainous on 78.90 obs

September 23rd 1898

$N.0^{\circ}04'W.$ bet. secs. 7 & 8

2.00	Gulch 50 ft. deep drains S.E.
5.00	Ridge spur 150 ft. high bears S.E.
21.00	Gulch 100 ft. deep drains S.E.
29.00	Ridge spur 75 ft. high bears S.E.
40.00	Set a sandstone 15x6x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face

Subdivision of T. 2 N. R. 24 E.

Obs.	from which A cedar 12 ins. diam. bears N. 27° 0' W. 9 lbs. dist. marked 1/4 S. 7 B. T.
75.00	A cedar 4 ins. diam bears N. 28° 45' E. 17 lbs. dist. marked 1/4 S. 8 B. T.
76.00	Gulch 50 ft deep. drains S.E.
80.00	Ridge spur 40 ft. high bears S.E. Set a quartzite 15 x 8 x 5 ins. 10 ins. in the ground for cor to sec. 5. 6. 7 & 8; marked 5 notches on S. and E. edges and raised a mass of stone 2 ft. base 1 1/2 ft. high W. of corr. - Pitt impracticable
	A cedar 6 ins. diam. bears N. 64° 35' W. 7 lbs. dist. marked T. 2 N. R. 24 E. S. 6 B. T.
	A cedar 9 ins. diam. bears S. 70° E. 8 lbs. dist. marked T. 2 N. R. 24 E. S. 8 B. T.
	No other trees within limits.
	Land broken mountainous Soil 4th rate rocky Timber scattering cedar & pine Mountainous on 80.00 obs

N. 89° 54' E. on a meadow line
Dist. sec. 5 x 8

40.00	Set fence. 1/4 sec. cor.
80.16	Interval N. & S. line 15 lbs. N. of corr. to sec. 4. 5. 8 & 9
	Thinned now
	West on a tree line Dist. sec. 5 x 8

4.00	Assured from Red Creek Canon
9.00	Ridge spur 300 ft. high bears S. - now along S. slope
40.08	Falls on a quartzite 2 x 1 1/2 x 1 1/2 ft. along ground. I cut a cross (+) at the start cor. point for 1/4 sec.

Subdivision of T. 2 N. R. 24 E.

ch. cor. marked $\frac{1}{4}$ on N. side, and raised
a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high at
cor. - Pots impracticable

A cedar 15 ins. diam. bears N. 14° 15' W. 33'
dist. marked $\frac{1}{4}$ S. 5 B.T.

No other trees within limits

45.00 Ridge spurs 200 ft. high bears S.E.

68.00 Gully 50 ft. deep. drains S.E.

- 80.16 The cor. to sec. 5. 6. 7 & 8

Fault broken mountains

Soil 4 $\frac{1}{2}$ rate - rocky

Timber scattering Cedar & pine

Mountainous on 80.16 chs

T. 89° 56' W. on a random line
bet. sec. 6 & 7

40.00 Set temp. $\frac{1}{4}$ sec. cor.

48.50 Intercept W. Rely. of Tp. 12 Ms. S. of cor. to sec.
1. 6. 7 & 12 heretofore described
Therein I run

T. 89° 59' E. on a true line
bet. sec. 6 & 7

Gradual descent from Gorlie Mountain to

25.50 Gully 20 ft. deep. drains S.E.
27.00 Gully 10 ft. deep. drains S.E. This point by inspection from last post to find it
31.50 Ridge spurs 50 ft. high bears S.E.

38.50 Set a sandstone 18 x 10 x 6 ins. 12 ins. in the gross
for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on st. face
from which

A pine 5 ins. diam. bears S. 45° 15' W. 35 lks.
dist. marked $\frac{1}{4}$ S. 7 B.T.

A cedar 7 ins. diam. bears N. 28° W. 60 lks. dist.
marked $\frac{1}{4}$ S. 6 B.T.

45.75 Hollow 25 ft. deep drains S.

48.00 Ridge 50 ft. high bears N. & S.

64.00 Hollow 40 ft. deep drains S.E.

Subdivision of T. 2 N. R. 24 E.

chs.

78.00

Ridge spur 50 ft. high bears S.E.

78.50

The cor. to secs 5, 6, 7 & 8

Land broken mountains

Soil 4th rate - rocky

Timber cedar & pine on 78.00 chs.

Mountainous on 78.50 chs

N. 0° 04' W. on a random line
bet secs 5 & 6

4000

Set temp $\frac{1}{4}$ sec. cor.

80.24

Entered N. Bdy. of Tp. 10 ths. E. of cor. to secs
5, 6, 31 & 32 horizon described

Three I run

S. 0° 08' E. on a true line
bet. secs 5 & 6

10.00

Ascend step N. slope from Red Creek Canon -
Enter scattering cedars

20.00

Ridge spur 75 ft. high bears N.E.

26.00

Gulch 100 ft. deep drains N.E.

40.24

Set a quartzite 12 x 10 x 6 ins. 8 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised
a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

Its impracticable

48.00

Ridge spur 500 ft high bears E. from Berlin Mountain

69.00

Hollow 50 ft. deep drains S.E.

80.24

The cor. to secs 5, 6, 7 & 8

Land broken canon slopes

Soil 4th rate - rocky

Timber scattering Cedars on S. 80.24 chs

Mountainous on 80.24 chs.

September 24th 1898

Meanders T. 2 N. R. 24 E.

Meanders of the left bank of Green River
down stream

Jury commenced September 24th 1898

Beginning at the Meander cor of sec. 16
13 & 18 on W. Body of the Sp. Surveyor described
I obtain the true Meridian by sighting over
said W. Body

Then I run with meanders in sec. 18.

In a steep and rocky canon

S. 55° 15' E. 2.50 chs

S. 62° 00' E. 4.70 "

East 8.70 "

S. 75° 45' E. 12.00 "

N. 81° 15' E. 2.50 "

S. 56° 45' E. 2.40 "

S. 71.00 E. 1.60 "

S. 85° 00' E. 1.10 "

S. 49° 15' E. 6.70 "

S. 53° 15' E. 3.80 " At 3.00 chs. mouth of

Red Creek 15 ft. wide 3 in. deep

S. 19° 45' E. 12.00 " To meander cor. of sec. 16

18 & 19

Land rocky precipitous canon

Soil 4th onto

Timber scattering pine and cedar

Mimtaining on 58.00 chs

Then in sec. 19:

S. 2° 15' W. 9.20 chs

S. 27° 00' W. 3.10 "

South 8.50 "

S. 8° 30' E. 6.50 "

S. 22° 45' W. 7.50 "

S. 27° 45' W. 2.00 "

Meanders T. 2 N. R. 24 E.

Meanders of the left bank of Green River, down stream:

	36	82
S. $80^{\circ} 15' W.$	2.40	obs
S. $140^{\circ} 00' E.$	3.40	"
S. $43^{\circ} 00' E.$	4.90	"
S. $74^{\circ} 45' E.$	4.60	"
East.	8.30	"
S. $70^{\circ} 00' E.$	4.50	"
S. $46^{\circ} 45' E.$	1.90	"
S. $52^{\circ} 00' E.$	12.00	"
S. $36^{\circ} 00' E.$	1.50	"
S. $45^{\circ} 00' E.$	2.40	"
N. $82^{\circ} 45' E.$	2.80	" To meander cor. of fract.
East	0.60	" sec. 19 & 20

1-06-10

Land rocky precipitous canon
Soil 4th rate

Timber scattering pine & cedar
Mountainous on 86.¹⁰ obs

Thence in sec. 20:

S. $71^{\circ} 00' E.$	3.00	obs.
S. $87^{\circ} 15' E.$	10.00	"
S. $79^{\circ} 30' E.$	14.00	"
S. $70^{\circ} 15' E.$	11.00	"
S. $54^{\circ} 15' E.$	4.10	"
S. $68^{\circ} 00' E.$	9.00	"
S. $69^{\circ} 30' E.$	4.70	"
S. $75^{\circ} 30' E.$	8.00	"
S. $69^{\circ} 30' E.$	11.00	"
S. $85^{\circ} 00' E.$	9.00	" To meander cor. of fract. sec 20. 21 & 28 which is also the cor. to sec 20. 21. 28 & 29

1-03-80

Land rocky precipitous canon
Soil 4th rate

Timber scattering pine and cedars.
Mountainous on 83.⁸⁰ obs

September 24th 1898

Manders T. 2 N. R. 24 E.

Manders of the left bank of Green River, down stream:

Thence in sec. 28:

7-80 S. $74^{\circ}00'$ E. 4.60 chs
 N. $70^{\circ}00'$ E. 3.20 " to Meander cor. of prod sec.
 21 & 28

Gard broken canon

Soil 4th rate rocky

Timber scattering pine & cedar

Mountainous on 780 chs.

Thence in sec. 21:

29-70 N. $84^{\circ}30'$ E. 14.00 chs.
 N. $84^{\circ}00'$ E. 12.00 "
 S. $58^{\circ}00'$ E. 3.70 " to Meander cor. of prod.
 sec. 21 & 28

Gard broken canon

Soil 4th rate rocky

Timber - scattering pine & cedar and underbrush

Mountainous on 29.70 chs.

Thence in sec. 28 continued

13-70 S. $55^{\circ}30'$ E. 1.60 chs. on cliff 30 ft above water
 S. $46^{\circ}00'$ E. 4.50 "
 S. $86^{\circ}15'$ E. 2.60 " At. 1st ch. E. point of cliff.
 N. $63^{\circ}00'$ E. 5.00 " to Meander cor. of prod.
 sec. 21 & 28

Gard precipitous canon

Soil mostly sandstone ledges

Timber, scattering pine & cedar

Mountainous on 13.70 chs.

Thence in sec. 21 continued

S. $57^{\circ}30'$ E. 8.00 chs. near rocky canon
 N. 49° E. 10.00 "
 N. $49^{\circ}15'$ E. 8.90 "

Meanders T. 2 N. R. 24 E.

Meanders of the left bank of Green River, down stream.

37-90 N. $60^{\circ} 45' E.$ 11.00 chs to meander cor. of fract.
Decs. 21 & 22

Land canon and broken bottom

Soil 3rd rate

Timber a few scattering cedar & pine

Moraines on 37.90 chs.

Traces in sec. 22.

N. $61^{\circ} 45' E.$ 11.00 chs.

N. $57^{\circ} 15' E.$ 5.10 "

N. $54^{\circ} E.$ 11.00 "

N. $58^{\circ} 30' E.$ 7.00 "

N. $52^{\circ} 15' E.$ 10.00 "

East 12.35 " at 2.50 chs head of irrigating
ditch 50 ft. S.
at 4.00 chs. mouth of gulch
heads N. W.
at 12.35 chs. S. end of fence
enclosing Janies pasture now
in low bottom sometimes overflowed

N. $84^{\circ} 30' E.$ 18.00 " mostly in willows

I-37.45 N. $88^{\circ} 30' E.$ 13.00 " to meander cor. of fract.
Decs. 22 & 23

Land " river bottom and broken bluffs

Soil 2nd rate

Timber a few cedars and willow on E. part

Moraines or dense underbrush on 87.45 chs.

Traces in sec. 23

East E. 4.20 chs.

N. $28^{\circ} 30' E.$ 15.00 chs. at 11.50 chs. N.E. end of fence

N. $87^{\circ} 15' E.$ 6.20 "

49.00 N. $84^{\circ} 15' E.$ 24.00 + at 5.00 chs John Janies stone barn N. 1 ch.
" 6.00 " " stone stockhouse 1 ch. S.
" 6.50 " " log stockhouse 4 chs. S.

Meadows T. 2 N. R. 24 E.

Meadows of the left bank of Green River, down

at 9⁰⁰ chs. of Jan 1st hour 1 ch. at
 " 12.15 " " Ferry cable st.
 " 12.25 " Road to Ferry
 " 12.60 " Farm house N. intersection
 " 19.00 " Old log farm house st. 15 chs.
 " 22.30 " water corral
 " 23.00 " Barn house N. 20 chs.
 " 23.55 " Farm corral Farm house N.
 " 24.00 " N. end of Wagon fence

N. 80° 45' E. 3.00 chs.

N. 44° 15' E. 5.10 "

East. 8.50 "

T. 85° 45' E. 9.90 " 6.00 " Mouth of dry wash heads

T. 85° 15' E. 15.00 " to Meander cor of prad. area 23 x 24
Sand broken over back and bottom

Foile 2nd rate

Tamar. willow underbrush on last 38.5⁰ chs

Mimulus or dense underbrush on 38.5⁰ chs

Plants in sec. 24:

T. 69° E. 16.00 chs.

T. 85° E. 10.00 "

St. 76° E. 6.70 "

St. 60° E. 7.30 "

St. 43° 15' E. 3.10 "

St. 29° 45' E. 7.10 "

St. 12° E. 6.70 "

St. 48° 30' E. 5.00 " to Meander cor of prad area 13
x 24.

Sand over bottom and broken back.

Foile 2nd rate

Tamar. scattering willow & cottonwood patches

Mimulus or dense undergrowth on 61.90 chs.

Meanders T. 2 N. R. 24 E.

Meanders of the left bank of Green River, down stream:

Thence in sec. 13:

St. $76^{\circ}45' E.$ 11.70 chs
S. $68^{\circ}30' E.$ 7.40 " to Meander cor of fract.
secs. 13 & 24

Land river bottom and broken bank.

Soil 2nd rate

Timber - some willow and Cottonwood patches
Mountainous or dense undergrowth on 19.12 chs.

Thence in sec. 24 continued:

S. $74^{\circ}30' E.$ 8.30 chs.
S. $59^{\circ} E.$ 3.50 " to N. end of abandoned Ferry
cable known as Grays Ferry
S. $46^{\circ}30' E.$ 2.50 " to Meander cor. of fract sec.
19 & 24 on E. Rely of Tp.

Land broken bank of river

Soil 2nd rate

No timber

Mountainous on 14.30 chs.

From the southwest Meander cor to fract. secs 19 & 24 on E. Rely of Tp. on the left bank of Green River
herefrom described I now

Meanders in sec. 24 continued:

S. $59^{\circ} W.$ 4.90 chs.
S. $66^{\circ}30' W.$ 2.50 "
S. $60^{\circ} W.$ 3.90 "
S. $38^{\circ}15' W.$ 6.80 "
S. $22^{\circ}30' W.$ 3.80 "
S. $12^{\circ}45' W.$ 19.50 "
S. $30^{\circ}30' W.$ 8.00 "
S. $49^{\circ}30' W.$ 12.00 "

60-80 S. $28^{\circ}45' W.$ 3.80 " to Meander cor to fract
secs 24 & 25

Land broken river bank

Meanders T. 2 N. R. 24 E.

Meanders of the left bank of Green River down'

Soil 2nd rate

Timber dense patches of willows and cottonwoods.

Mountainous or dense sagebrush on 64,800 chs

September 25th 1898

Measured in sec. 25

§. 8° W. 2.30 chs. ✓

§. 25° 30' E. 6.60 " ✓

§. 43° 15' E. 5.30 " ✓

§. 48° 30' E. 4.20 " ✓

§. 59° E. 4.00 " ✓

§. 88° 30' E. 5.40 " ✓

§. 44° E. 5.00 " ✓

§. 37° 30' E. 7.00 " ✓

§. 47° 15' E. 2.40 " ✓

§. 42° 30' E. 4.60 " ✓✓

§. 49° E. 4.40 " to Meander cor to fract.

secs. 25 & 30 on E. Bdy of Tp
is a charred cottonwood part
and returned as described by the
Surveyor General

Land River bottom

Soil 2nd rate - sandy

Timber scattering cottonwoods.

From the northernmost Meander cor. to secs
31 & 36 on E. Bdy of Tp on the left bank of
Green River which is a charred cottonwood pa-
rked and returned as described by the
Surveyor General I measured

Meanders in sec. 36

§. 62° W. 7.00 chs

§. 42° 45' W. 6.50 " to East end of wagon
road Ford

Manders T. 2 N. R. 24 E.

Manders of the left bank of Green River, down stream:

§. 21° 30' W. 11.30 chs

§. 32° E. 7.30 "

§. 53° 30' E. 10.00 "

§. 76° 30' E. 3.00 " to Meander cor. to fract.

secs. 31 & 36 on S. Bdy of Tp.
which is a charred cottonwood
post marked and situated
as described by the Surveyor General

Land river bottom

Soil 2nd rate - sandy

Timber scattering cottonwoods.

Manders of the right bank of Green River
down stream:

Beginning at the Meander cor. to fract. secs. 13
& 18 on W. Bdy of Tp. right bank of Green River
herefore described I obtain the true Meander
by sighting over the said W. Bdy.

Then I run with Meander in sec. 18

In a steep and rocky canon

§. 70° E. 2.00 chs

§. 63° 15' E. 7.00 "

W. 86° E. 9.20 "

§. 75° 30' E. 13.00 "

§. 60° 30' E. 2.40 "

§. 46° 30' E. 2.70 "

§. 26° 15' E. 1.00 "

§. 18° 15' E. 1.70 "

§. 15° E. 7.30 "

§. 14° E. 1.80 " to Meander cor. of fract.
secs. 18 & 19

Land rocky precipitous canon

Soil 4th rate

Timber scattering pine & cedar

Marmot houses on 48.90 chs

Meander T. 2 N. R. 24 E.

Meander of the right bank of Green River, down stream:

Thence in sec. 19

J. 14° 30' E.	3.70 obs
J. 9° 45' E.	4.50 "
J. 6° 15' E.	9.10 "
J. 2° E.	6.10 "
J. 1° W.	3.30 "
J. 20° 30' W.	1.30 "
J. 18° 45' W.	7.30 "
J. 25° W.	3.50 "
J. 27° 45' E.	9.00 "
J. 71° 45' E.	8.10 "
J. 80° 45' E.	6.00 "
J. 76° 15' E.	4.40 "
J. 46° 30' E.	14.00 "
J. 70° E.	12.00 " to Meander cor. of prad.

secs. 19 & 20

Land rocky precipitous canon

Foil 4 th rate

Timber scattering pine and cedar

Florutinosis on 92.30 obs

Thence in sec. 20

J. 82° 15' E. 11.00 obs.

J. 72° 30' E. 5.00 " to W. end of bar in River
overflooded at high water

J. 67° E. 13.00 " at 10 obs. E. end of bar
at 13 obs W. end of another
overflooded bar

J. 72° 00' E. 14.00 " at 12 obs E. end of bar

J. 70° E. 11.00 "

J. 85° E. 10.00 " to Meander cor. to prad. sec
20 & 29

Land rocky canon

Foil 4 th rate

Timber scattering cedar & pine

Florutinosis on 64.27 obs.

Manders T. 2 N. R. 24 E.

Manders of the right bank of Green River downstream.

Thence in sec 29:

S. 63° E. 9.40 chs
19.40 East 10.00 " to Mander cor. to fract.
secs. 28 & 29

Land rocky canon

Soil 3rd rate

Timber scattering willows pine & cedar
Mountainous on 19.40 chs.

Thence in sec. 28

S. 68° 15' E. 1.70 chs.

N. 80° 45' E. 12.00 "

N. 87° 45' E. 4.00 "

S. 84° 45' E. 5.50 "

N. 79° 45' E. 3.90 "

S. 78° 00' E. 13.00 "

S. 20° 15' E. 2.30 "

S. 85° 15' E. 5.10 "

N. 66° 30' E. 5.90 "

60.40 N. 61° 15' E. 11.00 " to Mander cor. for
fract. secs 21 & 28

Land rocky canon

Soil 3rd rate

Timber scattering willows pine & cedar

Mountainous on 64.40 chs.

Thence in sec. 21

N. 28° 30' E. 5.20 chs } at 3.57 work 75 hrs 1 min 3 sec per ha to

N. 41° 45' E. 4.90 "

N. 53° 15' E. 7.20 " partly built rock houses E. 70 ft.

26.30 N. 65° 30' E. 9.00 " to Mander cor for
fract. secs 21 & 22

X Land canon and broken bottom

Soil 4th rate very rocky

Timber scattering pine & cedar

Mountainous on 26.30 chs.

Meanders T. 2 or R. 24 E.

Meanders of the right bank of Green River, downstream:

Thence in sec. 22

W. 67° E. 13.00 obs

W. 33° 30' E. 6.00 "

W. 73° 15' E. 7.00 " Head of low island meander
at high water bears about 5 obs

W. 56° 15' E. 10.00 " at 5 obs mouth of great branch
at mouth N.E. end of island bears
about 5 obs

W. 88° 45' E. 7.90 " at 3 obs. N.E. end of low island ridge
to upper bears about 4.50 obs

W. 85° E. 8.40 "

W. 39° E. 5.90 "

W. 53° 45' E. 6.20 " at 4.7 obs N.E. end of island bears
about 5 obs

W. 72° E. 5.60 "

W. 58° 15' E. 4.60 "

W. 82° E. 14.00 " to Meander cor. of prair.

secs. 22 & 23

Land broken tree bank and bottom
soil 2nd rate

Timber scattering cedar & pine & willows
Mountainous or downy growth in 90% obs.

September 26 - 1898

Thence in sec. 23

W. 88° 30' E. 7.70 obs

W. 30° 45' E. 13.00 " at 4 obs. N. end of prair.
across Toliver pasture

W. 66° E. 11.00 "

W. 85° 15' E. 9.10 " at 6.7 obs. S. end of cedar
James Ferry

W. 84° 15' E. 7.00 " at 6.25 obs Road to Ferry

W. 79° 15' E. 6.20 " at 5 obs S.E. end of virgin
timber

W. 89° 30' E. 6.10 " W. end of island ridge to virgin
timber 5 obs

Meridian T. 2 N. R. 24 E.

Landers of the right bank of Green River down

S. 80° E. 7.70 chs.

N. 62° 45' E. 7.00 " E. end of island 4 chs. st.

S. 89° E. 5.10 "

29-80 S. 57° E. 10.00 " to Meander cor of fract.
secs. 23 & 24.

Land broken over bank and bottom

Soil 2nd rate

Timber scattering cottonwoods & willows
Montaneous or dense undergrowth on 89.90 chs.

Planted in sec 24

S. 79° E. 17.00 chs.

S. 87° 15' E. 5.40 "

N. 85° 30' E. 4.40 "

N. 68° 30' E. 13.00 "

N. 38° E. 24.00 "

N. 42° 45' E. 2.40 "

N. 64° 30' E. 1.80 "

S. 74° 15' E. 9.40 "

S. 81° E. 8.80 "

S. 49° 30' E. 5.30 " { S. W. end of abandoned Ferry

S. 5° W. 14.00 " cable runn as Grays Ferry

S. 69° 15' W. 6.90 "

S. 61° 30' W. 5.50 "

S. 24° 15' W. 24.00 "

S. 3° 45' W. 8.10 "

S. 21° W. 4.40 "

S. 52° 45' W. 2.60 "

S. 43° W. 4.60 "

S. 45° 15' W. 11.00 "

2-17-10 S. 19° W. 4.50 " to Meander cor to fract.
secs 24 & 25

Land broken over bank and bottom

Soil 2nd rate

Timber scattering cottonwoods

Montaneous on 177.10 chains

Meadows T. 2 N. R. 24 E.

of the right bank of Leon River, down stream:

Then in sec. 25

$\text{S. } 11^{\circ} 30' \text{ E.}$ 2.50 chs

$\text{S. } 21^{\circ} \text{ E.}$ 4.20 "

$\text{S. } 32^{\circ} 30' \text{ E.}$ 7.60 "

$\text{S. } 40^{\circ} \text{ E.}$ 13.00 "

$\text{S. } 47^{\circ} \text{ E.}$ 8.70 "

$\text{S. } 42^{\circ} \text{ E.}$ 9.60 "

$\text{S. } 43^{\circ} \text{ E.}$ 3.50 "

$\text{S. } 47^{\circ} 30' \text{ E.}$ 3.40 " an abandoned cabin

$\text{S. } 63^{\circ} \text{ E.}$ 7.60 " as Jaynes cabin bears W. 10.00 chs

$\text{S. } 63^{\circ} \text{ E.}$ 7.60 "

$\text{S. } 72^{\circ} 30' \text{ E.}$ 1.90 " to Meander cor for fract.

secs. 25 & 30 on E. Rd

Tp. which is a cable stone

12 x 8 x 7 marked and

as described by the Surveyor

Land mostly steep broken banks.

Soil 2nd rate

Timber a few cottonwoods.

Minutaries on 62% chs

From the cor to secs. 25, 30, 31 & 36 on E. of Tp. hardyfin described and which is also the Meander cor. to fract. sec. 36

Same with Meanders in sec. 36

$\text{S. } 86^{\circ} \text{ W.}$ 2.40 chs.

$\text{S. } 56^{\circ} 45' \text{ W.}$ 10.00 "

$\text{S. } 35^{\circ} 30' \text{ W.}$ 15.00 " at 12 chs W. end of wagon road Ford

$\text{S. } 50^{\circ} \text{ W.}$ 10.00 "

$\text{S. } 37^{\circ} \text{ E.}$ 13.00 "

$\text{S. } 59^{\circ} 15' \text{ E.}$ 5.30 "

$\text{S. } 85^{\circ} \text{ E.}$ 5.70 "

$\text{S. } 79^{\circ} \text{ E.}$ 2.40 " at 10 chs mouth of Leon Cr. dry
to Meander cor. for fract. secs.

General Description T. 2 N. R. 24 E.

31 & 36 on E. Blg of Tp which is a sandstone 16x12x8 ins. marked and situated as described by the Surveyor General Land river bottom

Soil 2nd rate

Timber a few Cottonwoods.

September 27th 1898

General Description

This Tp. embraces the upper part of Browns Park with the surrounding foothills and mountains. Browns Park or properly Green River Valley is about 3 miles wide and consists mostly of rolling bunches on both sides of Green River. Most of Browns Park can be irrigated with water from Green River if a substantial dam was put across the river near the South Boundary of sec. 21 and the water conveyed in suitable canals on both sides; but this will cost more money than the local field can supply - A small ditch has been taken out on the left bank of Green River in sec. 22 and carried from there through secs 23, 24 & 13 though only finished here & there in places; but it is utterly worthless because its head is below high water and above low water and the fall of the ditch is insufficient.

The foothills and mountains are generally covered with cedar and pine. The whole Tp. affords most excellent pasture, both in summer and winter.

D. E. do 2146 Henry W. Jaynes filed as being in T. 1 N. R. 24 E. was no doubt intended for this Tp. as I find an abandoned cabin in sec 25

General Description T. 2 d. R. 24 E.

Known as "Jaynes Cabin" but there are no improvements around it and I am unable to locate the filing.

D. E. do 2246 Joseph M. Toliver filed to in T. 2 d. R. 24 E. is also in this Tp. Joe Toliver has a cabin in sec. 27 and about 1½ miles of in secs. 23 & 26 enclosing about 600 acres of pasture; his entry only embraces 160 acres and I am unable to locate it.

D. E. do 2289 Griffith W. Edwards filed to in T. 2 d. R. 25 E. is also in this Tp. it embraces the S. ½ S.E. 4, S.E. ¼ S.W. ¼ sec. 25 and the N.E. ¼; N.E. ¼ N.W. ¼; N. ¼ S.E. 4 sec. 36. I has of ments a log cabin and perhaps 10 acres of cultivated land on the N.E. of the S.E. ¼ of sec. 36.

D. E. of Perry E. Carmichael (do number) is I think intended to cover the land around an abandoned ferry in secs 13 & 24 & locally as Gray's Ferry, but there are no improvements and I am unable to locate it.

John Jannie conducts a Ferry and a store and owns several buildings in sec. 23. He also has fenced pastures in secs 22 & 23. There is an abandoned cabin near a spring known as Spitzenberg's Spring in sec. 35, no other improvements around it.

The N.E. cor. of this Tp. especially what is known as Jessie Ewing Canon shows very strong numerous indications of Copper. Many have been made and most of them abandoned.

Considerable developments have been done in the aggregate but not sufficient in any place to develop a mine or return it as mineral land.

About 15 years ago the bars of Green River thought to be rich in gold and crossed with all through the Tp. - But it came to naught either the method of extraction was faulty or the gold was not there in sufficient quantity.

Adolphus Jessen
U. S. Dep't

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

....., United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of _____

following the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

....., United States Deputy Surveyor, in surveying all

those parts or portions of the _____

..... of the _____

..... meridian, of which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this _____

day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor _____, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of _____, day of _____, 189_____, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____.

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Sold Lake City, Utah June 10th, 1897

The foregoing field notes of the survey of *the land divisions & boundaries
Township 2 North Range 24 East of the Sold Lake
& Meridian, Utah*

executed by *Adolphus Jensen*, under his contract No. *218*, dated *March 9th, 1897*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob P. T. C.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A.254

X.3.B.

FIELD NOTES

OF THE SURVEY OF THE

*North Boundary**of**Township 2 North**Range 25 East.*

Of the *Fall Lake Branch Meridian,*
State of Utah

AS SURVEYED BY

Adolphus Jessen, United States Deputy Surveyor,
under his Contract No. 218, dated November 9th, 1897
Survey commenced September 27th, 1895
Survey completed September 28th, 1895

W. D. J. - 1895
2-80-1

NAMES AND DUTIES OF ASSISTANTS.

John Buchanan }
Charles Potter } Chairman

Hugh Hughart Measurer

Hugh Hughart }
F. S. Morgan } Assessor

Frank J. Briggs Treasurer

For preliminary affidavits see book "D"

376

376

J
2N-2SE-

N-Bdry -

high ^{downing}

m. ch. bks - m. ch. bks -

1-00-00r

1-00-00r

1-00-00r

1-00-00r

1-00-75r

2-80 ✓

2-80

✓ 5-00-75 ✓

Volume

#

R0254

BOOK A-254

INDEX DIAGRAM.

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31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assay, measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chain

, Chain

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Mound

, Mound

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the surv

, Ax

, Ax

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and t perform the duties of flagman according to instructions given me, to the best of my skill and ability, in survey of

, Flag

Subscribed and sworn to before me this }
day of , 189 }



North Bdy. T. 2 N. R. 25 E.

chrs.

Taking commenced September 27th 1898
and repeated with instrument described in Book "A."

At the established cor. to Tps. 2 & 3 N.
R. 24 & 25 E. plumb line described in Stat. 40° 56' N. - Long. 109° 09' W. I. obtain Polaris at 8 h. 52 m. P.M. L. m. t. in accordance with the instructions of the Manual and mark the direction thus determined by a tack driven into a plug firmly set 5 chs. W. of cor.

Astron. l. out of obs. Sept. 27th 8 h. 52 m.

H. C. Polaris Sept. 15th 1898 = 13 h. 40.5 m.

Red. to Sept. 27th 12 days. 47.5 m.

Local meridian H. C. Polaris Sept. 27th = 12° 53.5 m.

Hour angle of Polaris 19 h. 58.5 m.

Subtract from 23 h. 56 m.

Time argument 3 h. 57.6 m.

Azimuth of Polaris 10° 25' E.

September 28th 1898 - At 7 h. A. M. L. m. t.
I lay off the azimuth of Polaris 1° 25' to
the west and mark the true Meridian thus
determined by a tack driven into a plug
set firmly in the ground west of the point
marked last night. The magnetic bearing of
the said true Meridian is 08.76° 03' N. which
reduced by the table on page 100 of the Manual
gives the mean magnetic declination 16° East.

Then I now run on a true line to the inter-
section with the Utah - Colorado Bdy. line.

East lat. sec. 6 & 31

- 5.00 Descend steep N.E. slope of high broken
plateau
- 40.00 To a quartzite 15x10x5 ins. 10 ins. in the ground
for 1/4 sec. cor. marked 1/4 on N. face and raised

North Bdy. T. 2 N. R. 25 E.

obs	a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Site impracticable
	A cedar 8 ins. diam. bears N. $61^{\circ} 35' E.$ 125 lbs. dist. marked $\frac{1}{4}$ S. 31 B.T. No other trees within limits.
46.00	Hollow 30 ft. deep drains N.
80.00	Set a sandstone 16 x 8 x 4 ins. 11 ins. in the ground for cor. to sec. 5. 6. 31 & 32 marked 5 notches on E. and 1 on W. edges from which
	A mahogany 7 ins. diam. bears N. $26^{\circ} 27' W.$ 57 lbs. dist. marked T. 3 N. R. 25 E. S. 31 B.T.
	A mahogany 7 ins. diam. bears N. $76^{\circ} 18' E.$ 84 lbs. dist. marked T. 3 N. R. 25 E. S. 32 B.T.
	A mahogany 12 ins. diam. bears S. $10^{\circ} 14' E.$ 36 lbs. dist. marked T. 2 N. R. 25 E. S. 5 B.T.
	A mahogany 8 ins. diam. bears S. $58^{\circ} 16' W.$ 146 lbs. dist. marked T. 2 N. R. 25 E. S. 6 B.T.
	Land high mountain slope Soil 3 rd rate - rocky Timber scattering cedar & mahogany Mountainous on 8000 chs

East bdy. sec. 5 & 32

15.50	Hollow 40 ft. deep drains S.
31.50	Ridge spur 150 ft. high bears S.
40.00	Set a quartzite 15 x 15 x 7 ins. 10 ins. in the for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which
	A cedar 12 ins. diam. bears N. $45^{\circ} 34' W.$ 137 lbs. dist. marked $\frac{1}{4}$ S. 32 B.T.
	A cedar 12 ins. diam bears S. $46^{\circ} W.$ 242 lbs. dist marked $\frac{1}{4}$ S. 5 B.T.
45.00	Hollow 50 ft deep drains S.
57.00	Ridge spur 100 ft high bears S. Now descends towards Willow Creek Cañon

North Boundary of T. 2 N. R. 25 E.

Obs 80.00	Set a sandstone 20 x 8 x 4 ins. 15 ins. in the ground for cor. to sec. 4. 5. 32 & 33 marked notches on E. and 2 on W. edges from which A cedar 10 ins. diam. bears N. 84° 15' W. 10 lbs. dist. marked T. 2 N. R. 25 E. S. 32 B. T. A cedar 10 ins. diam. bears S. 17° 45' W. 16 lbs. dist. marked T. 2 N. R. 25 E. S. 5 B. T. A cedar 10 ins. diam. bears S. 38° 30' E. 14 lbs. dist. marked T. 2 N. R. 25 E. S. 4 B. T. A cedar 16 ins. diam. bears N. 13° E. 21 lbs. dist. marked T. 2 N. R. 25 E. S. 33 B. T. Fault broken mountains Soil 3rd rate rocky Timber cedar and mahogany on 80 obs Mountainous on 80.00 obs.
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East side sec. 4 & 33

28.00	Entered into Willow Creek Canon. Spring Branch 2 lbs. wide 3 ins. deep, ^{most} in mouth of gulch heads N.W.
39.50	Willow Creek 4 lbs. wide 5 ins. deep runs S.W. in Canon 150 ft. deep
40.00	Set a sandstone 15 x 10 x 4 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which An aspen 4 ins. diam. bears N. 53° E. 12 lbs dist. marked 1/4 S. 33 B. T.
	An aspen 3 ins. diam. bears S. 45° 45' W. 9 lbs. dist. marked 1/4 S. 4 B. T.
41.00	Road to Rock Springs bears N.E. & S.W. Ascend from Canon.
49.00	Gulch 75 ft. deep drains N.
50.00	Set a sandstone 24 x 12 x 4 ins. 18 ins. in the ground for cor. to sec. 3. 4. 33 & 34 marked notches on E. & W. edges from which

North Boundary of T. 2 N. R. 25 E.

Obs A pine 8 ins. diam. bears N. $42^{\circ} 50' W.$ 471 dist. marked T. 3 N. R. 25 E. T. 33 B. T.
 A mahogany 10 ins. diam. bears S. $70^{\circ} 10' W.$ 26 Ms. dist. marked T. 2 N. R. 25 E. T. 4 B. T.
 A mahogany 4 ins. diam. bears S. $78^{\circ} E.$ 18 Ms. dist. marked T. 2 N. R. 25 E. T. 3 B. T.
 A mahogany 4 ins. diam. bears N. $34^{\circ} 45' E.$ 34 dist. marked T. 3 N. R. 25 E. T. 34 B. T.
 Land broken Canon slopes
 Soil 4th rate rocky
 Timber cedar and aspen (in canon) on 80.00 obs.
 Mountainous on 80.00 obs

East but. sec. 3 & 34

Ascend

3. 50 Enter broken plateau 500 ft. above Canon
 4000 Set a sandstone 14 x 8 x 7 ins. 9 ins. in the ground
 for 1/4 ac. cor. marked 1/4 on st. face
 from which
 A pine 8 ins. diam. bears S. $16^{\circ} E.$ 65 Ms. dist.
 marked 1/4 T. 3 B. T.
 A dead pine 8 ins. diam bears N. $62^{\circ} E.$ 90 Ms.
 dist marked 1/4 T. 34 B. T.
 50.00 Gully 30 ft. deep drains N.W.
 80.00 Set a sandstone 20 x 12 x 8 ins. 15 ins. in the
 ground for cor. to secos 2. 3. 34 x 35 marked
 4 notches on W. and 2 on E. edges and raised
 a stone mound 2 ft. high 1 1/2 ft high W.
 of cor. Pit impracticable
 An aspen 6 ins. diam bears N. $67^{\circ} 30' W.$ 53
 Ms. dist. marked T. 3 N. R. 25 E. T. 34 B. T.
 An aspen 10 ins. diam. bears N. $52^{\circ} 45' E.$ 33 Ms.
 dist. marked T. 3 N. R. 25 E. T. 35 B. T.
 No other trees within limits
 Land broken plateau
 Soil 3rd rate - rocky.

North Boundary of T. 2 N. R. 25 E.

Obs.	Timber scattering mahogany cedar & aspen Mountainous on 80.00 chs
<i>East. lot. sec. 2 & 35</i>	
	Over broken plateau.
4000	Set a sandstone 20x10x6 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which A pine 5 ins. diam. bears $N. 45^{\circ} 30' W.$ 44 Ms. dist. marked $\frac{1}{4}$ S. 35 B. T. An aspen 5 ins. diam. bears $S. 11^{\circ} 30' E.$ 65 Ms. dist. marked $\frac{1}{4}$ S. 2 B. T.
80.75	Intersect Utah - Colorado Bdy. line $S. 0^{\circ} 45' W.$ 2.80 chs. from Mile cor. No 273 which is a sandstone 14x12x3 ins marked & witnessed as described by the Surveyor General and $N. 0^{\circ} 45' E.$ 76.68 chs. from Mile cor. No 272 which is a sandstone 22x14x4 ins. marked and witnessed as described by the Surveyor General. At point of intersection Set a sandstone 26x15x3 ins. 19 ins. in the ground for closing cor. to sec. 2 & 35. marked C. C. and 5 grooves on W. face and 6 grooves on N. & S. faces from which A pine 10 ins. diam. bears $N. 0^{\circ} 30' W.$ 108 Ms. dist. marked T. 3 N. R. 25 E. S. 35 C. C. B. T. A mahogany 5 ins. diam. bears $T. 76^{\circ} W.$ 23 Ms. dist. marked T. 2 N. R. 25 E. S. 2 C. C. B. T. Land broken plateau Soil 3 rd rate rocky Timber scattering aspen, pine & cedar Mountainous on 80.75 chs

September 28th 1898

North Boundary T. 2 N. R. 25 E.

General Description.

For general description see end of Sub-
division notes of this township.

Adolphus Jensen.

U. S. Dep. Surveyor.

Boundaries of T. 2 N. R. 25 E.

Latitude, Departure and closing errors.

Lines designated	True bearing	Distance obs.	Latitude		Departure	
			W. obs	E. obs	E. dis	W. dis
S. Bdy.	East	401.30			401.30	
	117° 0' 04" E.	160.00				
Cof. Bdy. line	117° 0' 25" W.	243.72	480.40			0.56
	117° 0' 45" E.	76.68				
N. Bdy.	West	400.75				400.75
W. Bdy	South	480.46		480.46		
Emergency	West	.52				.52
	Totals	480.40	480.46	401.30	401.83	
				480.40		401.30

Error in Latitude

.06'

Error in Departure

.53'

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____
_____, United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of _____
showing the respective capacities in which they acted:

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____
_____, United States Deputy Surveyor, in surveying all
those parts or portions of the _____
_____ of the _____
meridian, _____ of _____, which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

'subscribed and sworn to before me this _____ }
day of _____, 180 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for bearing date of day of 189 , I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of of the meridian, in the which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will stand the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said and sworn to before me }
this day of 189 }

00000
0 SEAL 0
00000

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Valdosta, Ga. June 18
The foregoing field notes of the survey of the North Boundary of
Township 2 North Range 25 East of the 2nd of the 10th
& McLean's Estate.

executed by *Ralph J. Jackson*
under his contract No. 218, dated October 9th, 1899, having
critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Jacob H. T. L.

United States Surveyor Gen

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

United States Surveyor Gen

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R.S.R.

BOOK A-254

FIELD NOTES

OF THE SURVEY OF THE

*Subdivisions
and Meanders
of
Township 2 North*

Range 25 East

Of the *Salt Lake Base Line Meridian,
State of Utah*

AS SURVEYED BY

Adolphus Janzen, United States Deputy Surveyor,
under his Contract No. 218, dated November 9th, 1897
Survey commenced September 29th, 1898
Survey completed October 8th, 1898

*Scale 1:256,000
19-23-24 100' 00"*
Distance 5 1/2 miles
Meridian 5° 00' 57.5'

NAMES AND DUTIES OF ASSISTANTS.

John Pluckemin }
Charles Potter } *Chairman*

Hugh Houghton *Moderator*

Hugh Houghton } *Convenor*
D. J. Morgan

Frank J. Briggs *Flagman*
In preliminary affidavit seal off "A"

INDEX DIAGRAM.

Township _____, *Range* _____

0	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assay measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey,

, Chain

, Chain

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey,

, Mound

, Mound

Subscribed and sworn to before me this _____
day of _____, 189 }



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey,

, Ax

, Ax

Subscribed and sworn to before me this _____
day of _____, 189 }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

, Flag

Subscribed and sworn to before me this _____
day of _____, 189 }



Subdivision of T. 2 A. R. 25 E.

Chs.

Survey commenced Sept. 29th 1898
and executed with instrument described in Part "A"
At the established cor to Secs. 5. 6. 31 & 32 on
S. Edge of Tp. herefore described in Lat. 40°
51' N. Long 109° 08' W. I observe Polaris in
accordance with the instructions of the
Manual and mark the direction thus deter-
mined by a tack driven into a plug firmly set
5 chs. W. of cor.

Astron. L. m. t. of obs. Sept. 29th 8h. 16m.

U.C. Polaris Sept. 15th = 13h. 40.5m.

Reduced to Sept. 29th 4 days 54.9m.

L.M.T. of U.C. Polaris Sept. 29th 12" 45"

Home angle of Polaris 19h. 29.4m
subtract from 23" 56"
Time argument 4h. 26.7m
Azimuth of Polaris 1° 30' E.

September 30th 1898 At 7 a.m. l.m.t I lay
off the azimuth of Polaris to the west and
mark the true Meridian thus determined by
a tack driven into a plug firmly set in the
ground west of the point established last night.
The magnetic bearing of the said true Mer-
idian is N 16° 03' W. which reduced by the table
on page 100 of the Manual gives the mean
magnetic declination 16° East

Then I run

N. 0° 01' E. bet sec 31 & 32

Along high rolling bench

40.00 Set a quartzite 15x9x4 ins. 10 ins. in the
ground for 1/4 sec. cor. marked 1/4 on W. face
and raised a stone mound 2 ft. base 1 1/2 ft.
high W. of cor. It's impracticable

48.00 Descend

52.50 Enter lower bench

Subdivision of T. 2 N. R. 25 E.

Ohs.	
55.00	Road bears E. & W.
62.00	Wash 5 Ms. wide 2 ft. deep drains W.
69.00	" " " " "
73.00	" " " " "
8000	Set a quartzite 20 x 12 x 8 ins. 15 ms in the ground for cor to sec. 29. 30. 31 & 32, marked 1 notch on S. and 5 on E. edges and round a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable hard rolling beach Soil 1st rate No timber

West on a random line

bet. sec. 30 & 31

27.32	Top bank of Green River Set temp. M. C. I now place a flag ^{online} on the right bank of Green River and measure a base 3.00 chs S. to a point from which the flag on line bears N. 40° 36' W. The nat tang. of 70° 32' = 2.8396×3 = 8.52 chs., the distance to the flag
35.84	Right bank of Green River Set temp. M. C.
40.00	Set temp 1/4 sec. cor.
79.82	Intersect W. Bdy of Tp. 22 Ms. S. of cor to sec. 25. 30. 31 & 36 horizon described There I run S. 89° 51' E. on a true line bet. sec. 30 & 31
39.91	Along broken sandridges in bottom Set a sandstone 16 x 14 x 6 ins. 11 ms. in the ground for 1/4 sec. cor. marked 1/4 on N. face and round a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable

Subdivision of T. 2 N. R. 25 E.

Chs	
43.98	Right bank of Gran River. Set a quartzite boulder 16 x 14 x 8 ins. for M. C. to fract. secos 30 & 31 marked M. C. on E. and 1 groov on S. faces from which A cottonwood 16 ins. diam. bears N. 84° 30' E. 70 ins. dist. marked T. 2 N. R. 25 E. T. 30. M. C. B. T.
52.50	A cottonwood 7 ins. diam bears S. 33° 45' W. 75 70 ins. dist. marked T. 2 N. R. 25 E. T. 31 M. C. B. T. Left bank of Gran River. Set a sandstone 16 x 12 x 8 ins. 11 ins. in the ground for Mandie Cir. to fract. secos 30 & 31 marked M. C. on W. and 1 groov on S. faces and raised a mound of stone 3 ft. base. 2 ft. high E. of cir. Pts. impracticable now along broken bank The cir. to secos 29. 30. 31 & 32 Hard bottom and bank Till 2nd rate sandy No timber.
49.82	

N. $0^{\circ}01' E.$ lat. sec. 29 & 30

10.00	Wash 10 lbs. wide 6 ft. deep drains N.W.
12.00	" " " " " " S.W.
33.00	Road bars N.W. & S.E.
37.00	Wash 10 lbs. wide 6 ft. deep drains W.
38.00	Road bars N.W. & S.E.
40.00	Set a quartzite 18 x 9 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound 2 ft. high 1 1/2 ft. high. W. of cor. Sets impracticable
56.50	Wash 5 lbs. wide 2 ft. deep drains S.W.
61.00	" " " " " " "
80.00	Set a quartzite 18 x 12 x 8 ins. 12 ins. in the ground for cor to secs 19, 20, 29 & 30 marked

Subdivision of T. 2 N. R. 25 E.

Chs

2 notches on S. and 5 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable
Sand rolling brush
Soil 2nd rate
No timber

N. $89^{\circ}51'$ W. on a random line
lot. secos 19 & 30

4000	Set temp $\frac{1}{4}$ sec. cor.
80.00	Intersect W. Body of Tps. 21 Mts. W. of cor. to secos 19, 24, 25 & 30. horizon described thence from
	East on a true line lot secos 19 & 30
35.00	Rough bears N.W. & S.E.
40.00	Set a sandstone 20 x 10 x 7 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
47.00	Wash 10 Mts. wide 2 ft deep drains S.W.
60.00	" " " " "
80.00	The cor. to secos 19, 20, 29 & 30 Sand broken brush Soil 2nd rate No timber

N. $0^{\circ}01'$ E. lot secos 19 & 20

7.00	Wash 5 Mts wide 2 ft deep drains S.W.
12.00	" " " " "
25.00	Acre
40.00	Set a sandstone 18 x 9 x 4 ins. 12 ins in the

Subdivision of T. 2 N. R. 25 E.

Ohs.	ground for $\frac{1}{4}$ ac. cor marked $\frac{1}{4}$ on W. face and raised a stone mound 2 ft. base $1\frac{1}{2}$ ft. high W. of cor Pits impracticable A cedar 6 in. diam. bears S. 12° 08' W. 204 ft. dist marked $\frac{1}{4}$ S. 19 B.T. No other trees within limits
44.50	Wash 5 ft. wide 2 ft deep drains S.W.
52.00	" " " " "
60.50	" " " " "
62.50	" " " " "
79.00	" " " " "
80.00	Set a sandstone 16 x 10 x 5 ins. 11 ins. in the ground for cor. to secs. 17, 18, 19 & 20 marked 3 notches on S. and 5 on E. edges. from which
	A cedar 5 ins. diam. bears N. 66° 39' E. 211 ft. dist. marked T. 2 N. R. 25 E. S. 17 B.T.
	A cedar 6 in. diam. bears N. 12° 12' W. 127 ft. dist. marked T. 2 N. R. 25 E. S. 18 B.T.
	A cedar 10 ins. diam. bears S. 45° 45' E. 134 ft. dist. marked T. 2 N. R. 25 E. S. 20 B.T.
	A cedar 7 ins. diam. bears S. 63° 20' W. 158 ft. dist marked T. 2 N. R. 25 E. S. 19 B.T.
	Land broken back Soil 3rd rate rocky Timber scattering cedar

West on a random line
bet. secs 18 & 19

40.00	Set temp. $\frac{1}{4}$ ac. cor.
79.84	Intersect W. Bd. of tp. at cor. to secs 13, 18, 19 & 24 heretofore described Then I run

East on a true line
bet secs 18 & 19

Subdivision of T. 2 N. R. 25 E.

ds	
0.50	Wash 10 ft. wide 4 ft deep drains S.W.
3.00	Ascent
7.00	Enter high bench
11.50	Wash 10 ft. wide 4 ft deep drains S.W.
19.50	" " " " "
22.50	" " " " "
24.00	" " " " "
27.00	" " " " "
32.50	" " " " "
33.50	" " " " "
39.00	Set a sandstone 15x8x4 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face from which A cedar 4 ins. diam bears st. 1046 W. 30 ft. dist. marked $\frac{1}{4}$ S. 18 R. T. A cedar 5 ins. diam bears. S. 69° 20' W. 8 ft. dist. marked $\frac{1}{4}$ S. 19 R. T.
45.00	Wash 10 ft. wide 4 ft deep drains S.W.
53.50	Wash 10 ft. wide 4 ft. deep drains S.W.
64.00	" " " " "
67.00	" " " " "
72.00	" " " " "
74.00	" " " " "
77.50	" " " " "
79.84	The cor. to sec. 17. 18. 19 & 20 land broken foothills Soil 3rd rate - rocky Timber scattering cedar Mountains on 79.84 ds.

September 30th 1898.

N. 0° 01' E. bet. sec. 17 & 18

0.50	Wash 10 ft. wide 4 ft deep drains S.W.
1.00	" " " " "

Subdivision of T. 2 d. R. 25 E.

obs

- 61.00 Wash 10 ft. wide 4 ft. deep stream S.E.
 37.50 " " " "
 40.00 Set a limestone 14 x 12 x 11 in. 9 in. in the
 ground for sec. cor. marked 14 on N. face
 from which
 A cedar 5 in. diam. bears N. 88° 55' W. 30 lbs
 dist. marked 14 S. 18 E. 5'
 A cedar 6 in. diam. bears S. 11° 55' E. 85 lbs. dist.
 marked 14 S. 17 B.T.
 62.00 Wash 10 ft. wide 4 ft. deep stream S.E.
 64.50 " " " "
 77.00 " " " "
 80.00 Set a limestone 16 x 14 x 5 in. 11 in. in the
 ground for cor. to secos 7. 8. 17 & 18 marked
 4 notches on S. and 5 on E. edges
 from which
 A cedar 12 in. diam. bears N. 37° 30' E. 36 lbs. dist.
 marked T. 2 d. R. 25 E. S. 8 B.T.
 A cedar 12 in. diam. bears N. 51° W. 26 lbs. dist.
 marked T. 2 d. R. 25 E. S. 7 B.T.
 A cedar 18 in. diam. bears S. 79° 30' W. 42 lbs. dist.
 marked T. 2 d. R. 25 E. S. 18 B.T.
 A cedar 7 in. diam. bears S. 19° 53' E. 40 lbs. dist.
 marked T. 2 d. R. 25 E. S. 17 B.T.
 Lined broken foothills
 Soil 3 ft. rate rocky
 Twisted cedar on 8 in. obs
 Worm-eaten wood on 8 in. obs

West on a random line
 bet. secos 7 & 18

- 40.00 Set temp. for sec. cor.
 79.88 Intersect N. Bdy. of sp. set cor. to secos
 7. 12. 13 & 18 before described
 There 8 more

Subdivision of T. 2 S. R. 25 E.

chs.

East on a true line
but sec 7 & 18

35.00	Wash 10 Ms. wide 4 ft deep drains S. W. in bottom of Jessie Ewing Cañon 100 ft deep.
39.94	Set a limestone 16x7x5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A cedar 12 ins. diam. bears S. 78° 28' W. 30 Ms. dist. marked 1/4 S. 18 B. T.
	A cedar 6 ins. diam. bears N. 33° 20' W. 23 Ms. dist. marked 1/4 S. 7 B. T.
47.00	Gully 10 ft. deep drains N.W.
56.00	" " " "
59.00	" " " "
65.00	" " " "
71.00	" " " "
75.00	" " " "
76.00	" " " "
79.88	The cor. to sec 7 & 8. 17x18 hard broken foothills Soil 3rd rate - rocky Timber cedar on 79.88 chs. Mountainous on 79.88 chs.

N. 0001' E. but sec 7 & 8

1.00	Gully 10 ft. deep drains S. W.
6.00	" " " "
20.00	" " " "
35.50	" " " "
40.00	Set a conglomerate 15x14x5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A cedar 12 ins. diam. bears N. 73° 30' W. 36 Ms. dist. marked 1/4 S. 7 B. T.

Subdivision of T. 2 N. R. 25 E.

ch.s.	A cedar 24 ins. diam. bears S. 48° 15' E. 24 ft. No dist. marked $\frac{1}{4}$ sec. 8 B.T.
70.00	Bulch 30 ft. deep drains S.W.
80.00	Set a sandstone 16x10x3 ins. 11 ins. in the ground for cor to secs. 5, 6, 7 & 8 marked 5 notches on S. & E. edges from which
	A cedar 8 ins. diam. bears S. 56° 50' E. 43 ft. No dist. marked T. 2 N. R. 25 E. S. 8 B.T.
	A cedar 8 ins. diam. bears S. 48° 47' W. 30 ft. No dist. marked T. 2 N. R. 25 E. S. 7 B.T.
	A cedar 4 ins. diam. bears N. 07° 50' W. 37 ft. No dist. marked T. 2 N. R. 25 E. S. 6 B.T.
	A cedar 8 ins. diam. bears N. 58° 39' E. 34 ft. No dist. marked T. 2 N. R. 25 E. S. 5 B.T.
	Land broken mountainous
	Foul & dry rocky
	Timber cedar & spruce on 80.00 chs.
	Mountainous on 80.00 chs

Visit on a random line
bet. secs 6 & 7

40.00	Set fence $\frac{1}{4}$ sec cor.
79.86	Intersection W. edge of Tp. at cor to secs 1, 6. 7 & 12
	Then I run
	East on a true line bet secs. 6 & 7
9.00	Bulch 50 ft deep drains S.E.
16.50	Wash 10 ft. wide 4 ft. deep in bottom of Jessie Ewing Creek 150 ft deep drain S.E. As usual
39.93	On top of ridge 200 ft high bears S. Set a quartzite 18x10x5 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face

Subdivision T. 2 N. R. 25 E.

Fut from which

A cedar 14 ins. diam. bears N. $17^{\circ} 30' E.$ 23 Ms.
dist marked $\frac{1}{4}$ S. 6 B. F.

A cedar 4 ins. diam. bears S. $21^{\circ} 10' W.$ 38 Ms. dist
marked $\frac{1}{4}$ S. 7 B. F.

Second

79.86 The cor. to secos. 5. 6. 7 & 8

Sand broken mountains

Soil 4th rate rocky

Timber cedar & pine on 79.86 chs

Mountainous on 79.86 chs.

N. $0^{\circ} 01' E.$ on a random line
bet. secos 5 & 6

40.00 Set temp $\frac{1}{4}$ sec. cor.

80.20 Intersect N. Boundary of Twp. 21 Ms. E. of cor
to secos. 5. 6. 31 & 32 hereafter described
Plane 3 mm

S. $0^{\circ} 08' E.$ on a true line
bet secos 5 & 6

14.50 Gulch 50 ft deep drains E.

40.20 Set a sandstone 14 x 10 x 4 ms. 12 ins. in the
ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W. face
from which

A cedar 12 ins. diam. bears N. $51^{\circ} 44' E.$ 4 Ms. dist.
marked $\frac{1}{4}$ S. 6 B. F.

A cedar 12 ins. diam. bears S. $16^{\circ} 30' E.$ 10 Ms. dist
marked $\frac{1}{4}$ S. 5 B. F.

60.00 Gulch 100 ft deep drains S. E.

80.20 The cor. to secos 5. 6. 7 & 8

Sand broken mountains

Soil 4th rate rocky

Timber cedar and pine on 80.20 chs.

Mountainous on 80.20 chs

Subdivision of T. 2 N. R. 25 E

Chs.

October 1st 1898

From the established cor. to secs. 4. 5. 32 & 33 on S. Bdy of typ. heretofore described
From

W. 0°02 E. lot accs 32 x 33

26.00	Road bears E. & W.
40.00	Set a sandstone 12 x 9 x 5 ins. 8 ins. in the ground for $\frac{1}{4}$ ac. cor marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{4}$ ft. high W. of cor. Pits impracticable
54.50	Road bears N.E. & S.W.
57.00	" " E. & W.
71.50	" " "
86.00	Set a sandstone 22 x 8 x 5 ins. 17 ins in the ground for cor to secs 28. 29. 32 x 33; marked 1 notch on S. and 4 on E. edges dug pits 18 x 18 x 12 ins in each sec. $5\frac{1}{2}$ ft. dist and raised a mound of earth 4 ft. base 2 ft. high W. of cor Sand rolling brush Soil 2nd rate - sandy No timber

West on a random line
lot accs. 29 x 32

40.00	Set temp $\frac{1}{4}$ ac. cor.
80.12	Intersect N. & S. line at cor. to accs 29 30. 31 x 32
	Thence L line
	East on a true line lot accs 29 x 32

Subdivision of T. 2 S. R. 25 E.

obs.

- 39.65 Road bears N.W. & S.E.
 40.06 Set a sandstone 15x7x7 ins. 10 ins in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which
 A cedar 18 ins. diam. bears S. $34^{\circ} 22'$ W. 149 ft. dist. marked $\frac{1}{4}$ S. 32 P.T.
 A cedar 12 ins. diam. bears N. $73^{\circ} 41'$ E. 98 ft. dist. marked $\frac{1}{4}$ S. 29 P.T.
 50.00 Wash 5 ft. wide 2 ft. deep drains N.W.
 52.00 Around
 57.00 Enter upper bunch
 Th. cor. to sec. 28. 29. 32 & 33
 Land broken bunches
 Soil 2nd rate sandy
 Timber a few scattering cedars

N. $0^{\circ} 02'$ E. lot sec. 28 & 29

- 040 Few bears E & W. - enter pasture
 11.50 Wash 8 ft. wide 2 ft. deep drains E.
 31.50 " " " " " S.E.
 40.00 Set a sandstone 18x6x4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. fits impracticable
 A cedar 3 in. diam. bears S. $9^{\circ} 45'$ E. 199 ft. dist. marked $\frac{1}{4}$ S. 28 P.T.
 No other trees within limits
 59.50 Wash 10 ft. wide 2 ft. deep drains S.E.
 80.00 Set a conglomerate 20x7x4 ins. 15 ins. in the ground for cor. to sec. 20. 21. 28 & 29 marked 2 notches on S. and 4 on E. edges, dug pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist and raised a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land rolling bunch

Subdivision of T. 2 N. R. 25 E.

obs.	Soil 2nd rate no timber
	West on a random line bet sec. 20 & 29
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.14	Intersect N. & S. line at cor to sec. 19 20. 29 & 30 Timber & rock
	East on a true line bet sec. 20 & 29
40.07	Set a sandstone 15 x 8 x 6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A cedar 12 ins. diam bears $N. 15^{\circ} 45' E.$ 21 Mrs dist. marked $\frac{1}{4}$ S. 29 B.T. A piñon 15 ins. diam bears $N. 14^{\circ} W.$ 100 Mrs dist. marked $\frac{1}{4}$ S. 20 B.T.
50.00	Ascend
55.00	Enter higher brush
68.00	Wash 10 Mrs. wide 2 ft. deep drains S.
72.00	" " " " "
75.40	Fence bears N. & S. - enter pasture
80.14	The cor. to sec 20. 21. 28 & 29 Laid broken bunches Soil. 2nd rate - sandy Timber a few scattering cedar & piñon
	$N. 0^{\circ} 02' E.$ bet sec 20 & 21
24.50	More fence bears E. & W. - leave pasture N.W. cor. of pasture bears W. 4. 40 obs.
40.00	Set a sandstone 18 x 8 x 3 ins. 12 ins. in the

Subdivision of T. 2 N. R. 25 E.

	chain ground for $\frac{1}{4}$ acre cor marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. - pits impracticable A cedar bin. diam bears N. $88^{\circ}18'W.$ 95 ft. dist. marked $\frac{1}{4}$ S. 20 P.T. No other trees within limits
48.00	Bottom of gulch 20 ft deep drains S.W.
75.50	Ridge spur 30 ft. high bears S.W.
80.00	A sandstone 18 x 8 x 5 ins. 12 ins. in the ground for cor. to secs 16. 17. 20 & 21 marked 3 notches on L and 4 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable. A cedar bin. diam. bears S. $36^{\circ}05'W.$ 82 ft. dist. marked T. 2 N. R. 25 E. S. 20 P.T.
	A cedar 8 ins. diam. bears N. $39^{\circ}40'W.$ 100 ft. dist. marked T. 2 N. R. 25 E. S. 17 P.T.
	A cedar 5 ins. diam. bears N. $48^{\circ}45'E.$ 65 ft. dist. marked T. 2 N. R. 25 E. S. 16 P.T. No other trees within limits Sand broken beach and foothills Soil 2nd rate - sandy. Timber scattering cedar on st. 1/4

West on a random line
but. sec 17 & 20

40.00 Set temp $\frac{1}{4}$ acre cor.
80.08 Intersect N. & S. line at cor. to secs 17. 18
19 & 20.

Thence S. run

East on a true line
but. sec 17 & 20

4.00	Wash 5 ft wide 2 ft deep drains S.W.
34.00	" " " " " "
38.00	" " " " " "

Subdivision of T. 2 N. R. 25 E.

Obs.

- 40.04 Set a limestone 18 x 10 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A cedar 8 ins. diam. bears S. 34° E. 10 lbs dist. marked 1/4 S. 20° B. T.
A cedar 14 ins. diam. bears N. 22° 15' W. 47 lbs dist. marked 1/4 S. 17° B. T.
75.40 Bullock 25 ft. deep drains S. W.
80.08 Th. cor. to secs 16. 17. 20 & 21
Sand broken foothills
Soil 3rd rate rocky
Timber scattering cedars
Mountainous on 80.08 obs

October 2nd 1898

N. 0°02' E. lat. secs. 16 & 17

- 6.00 Bullock 25 ft. deep drains S. W.
13.00 " " " " S. E.
20.00 " " " " S. W.
35.00 " " " " S. E.
40.00 Set a sandstone 16 x 10 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A cedar 5 ins. diam. bears S. 70° 30' E. 13 lbs dist. marked 1/4 S. 16° B. T.
A cedar 12 ins. diam. bears S. 85° 30' W. 8 lbs. dist. marked 1/4 S. 17° B. T.
49.00 Enter Willow Creek Canyon 100 ft deep drains S. E.
52.00 Willow Creek 5 lbs. with 8 ins. deep drains S. E.
53.50 Road bears N. W. & S. E.
80.00 Set a sandstone 18 x 6 x 5 ins. 12 ins. in the ground for cor. to secs 8. 9. 16 & 17 marked 1/4 notches on S. and E. edges
from which

Subdivision of T. 2 N. R. 25 E.

- Obs. A cedar 8 in. diam. bears $9.10^{\circ}40'W.$ 13 lbs.
dist. marked T. 2 N. R. 25 E. S. 17 B.T.
A cedar 5 in. diam. bears $9.5^{\circ}12'E.$ 19 lbs.
dist. marked T. 2 N. R. 25 E. S. 16 B.T.
A cedar 10 in. diam. bears $9.6^{\circ}10'W.$ 20 lbs.
dist. marked T. 2 N. R. 25 E. S. 8 B.T.
A cedar 4 in. diam. bears $9.83^{\circ}35'E.$ 21 lbs.
dist. marked T. 2 N. R. 25 E. S. 9 B.T.
Good broken fortresses & canons
Hill 3rd rate rocky
Timber scattering cedar & cottonwood in cañons
Mountainous on 8000 ft. elev.
-

West on a random line
Lat. sec. 8 x 17

- 4.00 Set trap $\frac{1}{4}$ on cor
80.04 Intercept N. & S. line 22 lbs S. of cor to sec
 $7.8.17 \times 18$
Three 8 ozs
 $9.89^{\circ}51'E.$ on a true line
Lat. sec 8 x 17

- 3.00 Wash 10 lbs wide 4 ft. deep drains S.W.
35.00 Ridge open 200 ft. high bears S.
40.02 Set a sandstone 15 x 10 x 4 lbs. 10 ins. in the ground
for $\frac{1}{4}$ on cor marked $\frac{1}{4}$ on N. face
from which
A cedar 10 in. diam. bears $9.27^{\circ}35'E.$ 17 lbs. dist.
marked $\frac{1}{4}$ S. S. B.T.
A cedar 12 in. diam. bears $9.2^{\circ}45'E.$ 24 lbs. dist.
marked $\frac{1}{4}$ S. S. B.T.
45.00 " " Then 15 ft. deep drains S.
57.05 Spring branch 1 lbs wide 2 ins. deep in hollow
30 ft. deep drains S.W.
61.05 Valley 5 ft. deep drains S.W.
73.50 Ridge open 50 ft. high bears S.

Subdivision of T. 2 N. R. 25 E.

chs.	
75.50	Enter Willow Creek Canon 100 ft deep drains S.
77.00	Road bears N.E. & S.
77.50	Willow Creek 5 Ms. wide 6 ins. deep drains S.
80.00	The cor. to secs 8.9.16 & 17 Sand broken foothills Soil 3rd rate - rocky Timber - cedar & piñon on 80.04 chs mountainous on 80.04 chs

N. 0°02' E. sec. 8 & 9

2.50	Willow Creek 5 Ms. wide 6 ins. deep runs S.W.
3.50	Road bears N.E. & S.W. - Around Fully 10 ft deep drains N.E.
26.00	" " " " E.
32.00	
40.00	On W. side of Willow Creek Canon set a quartzite 16x10x5 ins. 11 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face from which A cedar 8 ins. diam. bears S. 46° 49' W. 42 Ms dist. marked 1/4 S. 8 B.T.
	A cottonwood 12 ins. diam bears N. 65° E. 110 Ms. dist. marked 1/4 S. 9 B.T.
43.00	Road bears N & S.E.
44.75	Year road bears N.W.
46.50	Willow Creek 8 Ms. wide 6 ins. deep runs S.E.
54.50	Road bears N.E. & S.W.
63.50	Willow Creek 8 Ms. wide 6 ins. deep runs S.W.
64.50	" " " " " " S.E.
68.50	" " " " " " S.W.
80.00	On W. side Willow Creek Canon. Set a sandstone 18x6x5 ins. 12 ins. in the ground for cor to secs 4.5.8 & 9 marked 5 inches on S. & 4 on from which A cedar stump 6 ins. diam 8 ft. high bears N. 20° W.

Subdivision of T. 2 N. R. 25 E.

obs

34 lbs. dirt marked T. 2 N. R. 25 E. S. 5 B. T.
 A cedar 8 ins. diam. bears S. 46° 18' W. 67 lbs. dirt
 marked T. 2 N. R. 25 E. S. 9 B. T.
 A cedar 10 ins. diam. bears S. 9° 21' E. 114 lbs. dirt
 marked T. 2 N. R. 25 E. S. 9 B. T.
 A cedar stump 6 ins. diam. 3 ft. high bears N. 70° 16' E.
 74 lbs. dirt, marked T. 2 N. R. 25 E. S. 4 B. T.
 Hand broken canon slopes
 Soil 3rd rate rocky
 Timber scattering cedar aspen & Cottonwood
 Mountainous on 80.00 obs

N. 89° 51' W. on a random line
 bot. secs. 5 & 8

40.00 Set traps $\frac{1}{4}$ cu. cu.
 80.10 Enter a N. & S. line 20 lbs. N. of cor. to secs
 5. 6. 7 & 8
 Then a mm
 East on a true line
 bot. secs. 5 & 8

10.00 Bottom of canon 300 ft deep drains S. W. Second
 Now along broken T. slopes
 28.00 Set a sandstone 15 x 10 x 5 ins. 10 ins. in the ground
 for $\frac{1}{4}$ cu. cu. marked $\frac{1}{4}$ on N. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor
 It's impractical
 Second
 40.05
 58.00
 80.10 Enter Willow Creek Canon 100 ft deep drains S.
 The cor to secs 4. 5. 8 & 9
 Hand broken mountains
 Soil 4th rate rocky
 Timber scattering cedar aspen & Pinen
 Mountainous on 80.10 obs

Subdivision of T. 2 N. R. 25 E.

Obs.

N. 0° 02' E. on a random line
between secs 4 & 5

40.00

Set temp $\frac{1}{4}$ sec. cor.

80.00

Intersect N. Bdy. of Tp. at cor. to secs 4.5.32
& 33 heretofore described

Thinner 3 mm

S. 0° 02' W on a true line
bet. secs 4 & 5

12.50

17.00

23.00

31.00

40.00

Bulch 40 ft. deep drains S.E.

Bulch 30 ft. deep drains S.E.

Set a foundation 18 $\frac{1}{2}$ x 10 x 6 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
from which

A cedar 10 ins. diam. bears T. 60 N. 12 lbs. dist.
marked $\frac{1}{4}$ S. 5 B.T.

A cedar 12 ins. diam. bears T. 71 $\frac{1}{2}$ E. 16 lbs. dist.
marked $\frac{1}{4}$ S. 4 B.T.

75.50

Bulch 20 ft. deep drains S.E.

80.00

The cor. to secs 4.5.8 & 9

Land broken mountains

Soil 4th rate rocky

Timber scattering cedar & pine

MOUNTAINS ON 80.00 obs

October 3rd 1878

From the established corners 3.4.33 & 34 in N. Bdy. of Tp. heretofore described

From N. 0° 02' E. bet. secs. 33 & 34

40.00

Set a sandstone 15 x 6 x 6 ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, dug pits
18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raised
a mound of earth $3\frac{1}{2}$ ft. high $1\frac{1}{2}$ ft. high W. of cor.

Wagon road bears N.W. & S.E.

42.00

Hollow 20 ft. deep drains S.E.

60.00

Enter lower part

78.00

R-enter back - E. point of same

Subdivisions of T. 2 N. R. 25 E.

Chs

- 80.00 Set a sandstone 12x8x6 ins. 8 ins. in the
1 for cor. to sec. 27. 28. 33 & 34, marked
1 notch on S. and 3 on E. edges and raised a
mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
Pits impracticable
A cedar 10 ins. diam bears S. 89° 10' E. 30 ft.
dist marked T. 2 N. R. 25 E. S. 34 B.T.
No other trees within limits
Sand rolling back
Soil 2nd rate sandy
No timber.

Nest on a random line
bet. sec. 28 & 33

Set temp 1/4 sec. cor.

- 79.96 Intersect N. & S. line of Ms. S. of cor. to sec.
28. 29. 32 & 33
Three S. m.

S. 89° 56' E. on a true line

- Set. sec. 28 & 33
21.50 Wash 10 ft. wide 2 ft. deep drain. S.
32.00 Cedar bears N. & S.

- 39.9 Set a sandstone 12x8x6 ins. 8 ins. in the ground
1/4 sec. cor. marked 1/4 on N. face, dug pits
18x18x12 ins. E. & W. of cor. 3 ft. dist and raised
a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high
W. of cor.

- 9.9 The cor. to sec 27. 28. 33 & 34
Sand rolling back
Soil 2nd rate sandy
No timber

N. 0° 02' E. bet sec 27 & 28

Subdivision of T. 2 N. R. 25 E.

chs.	
0.60	Fence bears E. & W.
4.00	Raised from brush
6.00	Enter Willow Creek bottom
11.25	Fence bears N.W. & S.E.
11.65	Irrigation ditch 3 hrs. wide 3 ins. deep runs S.E. - Enter Mrs. Remmerts orchard
17.15	Thomas Remmerts residence, a frame house bears W. 170 ft. dist. - fence orchard outer field
24.70	Fence field - Enter dense willows
25.00	Willow Creek 15 hrs. wide 10 ins. deep runs S.E.
32.00	" " " " " " " " S.W.
39.50	" " " " " " " " S.E.
40.00	Set a sandstone 15 x 7 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face; dug pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
40.40	Willow Creek 15 hrs. wide 10 ins. deep runs S.W.
42.40	" " " " " " " " S.E.
45.40	" " " " " " " " S.W.
47.80	" " " " " " " " S.E.
49.65	" " " " " " " " S.W.
51.25	" " " " " " " " S.E.
52.00	Fence willows - Enter meadow
54.00	Irrigation ditch 5 hrs. wide 12 ins. deep runs S.E.
58.00	" " " " " " " " S.E.
74.50	Fence meadow. Fence bears N.W. & S.E.
74.75	Irrigation ditch 5 hrs. wide 12 ins. deep runs S.E.
79.50	Road to Rock Springs bears N. 70° W. & S.E.
80.00	Set a sandstone 15 x 8 x 5 ins. 10 ins. in the ground for cor. to secs. 21, 22, 27 & 28 marked 2 notches on S. and 3 on E. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
Land mostly level bottom	
Soil 1st rate	
Timber dense willow underbrush on 27.30 chs	

27.30
1st rate

Subdivision of T. 2 N. R. 25 E.

obs

N. 89°56' W on a random line
Lat. secos. 21 & 28

40.00	Fit temp $\frac{1}{4}$ sec. cor.
79.82	Intersection N. & S. line 10 lbs. N. of cor. to secos. 20. 21. 28 & 29 Thinner I mm East on a true line Lat. secos 21 & 28
13.00	Irrigation ditch 6 lbs. wide 18 ins. deep runs S.E.
29.00	Wash 8 lbs. wide 2 ft. deep drains S.
39.91	Fit a sandstone 18 x 7 x 7 ins 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft high N. of cor. Sets impracticable.
47.50	Wash 10 lbs. wide 2 ft. deep drains S.E.
65.00	Hair brush - Discard.
68.00	Enter Willow Creek bottom
69.00	Willow Creek 9 lbs. wide 5 ins. deep runs S.E.
71.00	Road bears N.W. & S.E.
76.20	Irrigation ditch 4 lbs. wide 15 ins. deep runs S.E.
79.82	The cor. to secos. 21. 22. 27 & 28 Hand rolling brush and bottom Soil 1 st & 2 nd rate No timber

N. 0°02' E. Lat. secos. 21 & 22

15.00	Hair bottom - Discard - Enter cedars
21.00	Enter broken brush
40.00	Fit a sandstone 15 x 9 x 5 ins. 10 ins. in the for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which
	A cedar 6 ins. diam. bears S. 64°10' W. 12 lbs marked $\frac{1}{4}$ S. 21 B.T.

Subdivision of T. 2 N. R. 25 E.

Obs.	A cedar 8 ins. diam. bears N. 85° 45' E. 75 lbs. dist. marked 1/4 S. 22 B. T.
56.25	Hollow 50 ft. deep drains S. W.
68.50	Ridge 50 ft. high bears S. E. 4 obs & S. W. 10 obs.
80.00	Set a sandstone 12 x 9 x 5 ins. 8 lbs. in the ground for cor. to sec. 15, 16, 21 & 22, marked 2 ft. on N.E. and 25 ft. on S.E. faces and 3 notches on S. & E. edges from which
	A cedar 5 ins. diam. bears N. 77° E. 5 lbs. dist marked T. 2 N. R. 25 E. S. 15 B. T.
	A cedar 5 ins. diam. bears S. 42° 10' E. 15 lbs. dist. marked T. 2 N. R. 25 E. S. 22 B. T.
	A cedar 6 ins. diam. bears S. 110° 45' W. 18 lbs. dist. marked T. 2 N. R. 25 E. S. 21 B. T.
	A cedar 6 ins. diam. bears N. 23° 10' W. 40 lbs. dist. marked T. 2 N. R. 25 E. S. 16 B. T.
	Land broken foothills Tilt 3rd rate. - rocky Timber cedars on st. 65 th obs Mountainous on st. 65 th obs

West on a random line
Lat. sec. 16 & 21

40.00	Set temp. 1/4 sec. corr.
79.90	Intersect N. 2 S. line 11 lbs. S. of cor to sec. 16, 17, 20 & 21
	Thence S. run
	S. 89° 55' E. on a true line Lat. sec. 16 & 21

1.50	Ridge spur 25 ft. high bears S. W.
3.00	Hollow 20 ft. deep drains S.
15.35	Barren bench - Residual
20.00	Enter Willow Creek bottom 40 ft. deep drains S. E.

Subdivision of T. 2 N. R. 25 E.

Obs.

- 21.00 Willow Creek 5 miles. mile 8 ins. deep runs S.E.
 22.00 Red beds N.W. & S.E.
 23.50 From Willow Creek bottom around
 27.00 Enter broken bench
 28.00 Hollow 20 ft. deep drains S.
 39.95 Set a sandstone 12 x 10 x 6 ins. 8 ins. in the ground
 for 1/4 sec. cor. marked 1/4 on N. face and raised
 a mound of stone 2 ft. high 1 1/2 ft. high N. of cor.
 Pits impracticable
 45.00 Hollow 30 ft. deep drains S.
 79.90 The cor. to sec 15. 16. 21 & 22
 hard bottom and broken bench
 Soil 2nd rate
 Timber a few cedars and cottonwoods.
-

At the established cor to sec 15. 16. 21 & 22
 in Lat. $40^{\circ} 54'$ N. Long $109^{\circ} 05'$ W. I observe
 Polaris in accordance with the instructions of the
 Manual and mark the direction thus determined
 by a tack driven into a plug firmly set 5 chs.
 N. of cor.

Observ. time of obs. October 4th 7 h. 56 m
 H. C. Polaris Oct. 1st 12 h. 37.7 m.
 Add. to October 4th 3 days. 11.8"

H. C. Polaris October 4th 12 " 25.9"
 True angle of Polaris 19 h. 30.1 m
 subtract from 23 " 56.1 "
 True argument 4 h. 26 m
 Azimuth of Polaris $10^{\circ} 30' E.$

October 4th 1898

October 5th 1898. At 7 a.m. l.m.t. I lay
 off the azimuth of Polaris to the West and mark
 the true Meridian thus determined by a tack
 driven into a plug set in the ground West of the
 point established last night. The magnetic
 bearing of the said true Meridian is N. $16^{\circ} 03' W.$

Subdivision of T. 2 N. R. 25 E.

- Obs. which reduced by the table on page 100 of the Manual gives the mean mag. decl. $16^{\circ} E.$
 Then I run
 N. $0^{\circ} 02' E.$ but sec 15 & 16
- 3.50 Wash 5 lbs. with 1 ft. deep drains S.E. in hollow
 25 ft. deep
- 9.50 Road bears N.W. & S.E. - Around
 Enter broken bench
- 12.00 Around steep S.W. slope of foothills
- 37.00 Set a quartzite 15 x 10 x 6 in 10 in. in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 from which
- A pinon 12 in. diam. bears N. $82^{\circ} 15' W.$ 28 lbs. dist.
 marked $\frac{1}{4}$ S. 16 B.T.
- A pinon 10 in. diam. bears S. $8^{\circ} 15' E.$ 37 lbs. dist.
 marked $\frac{1}{4}$ S. 15 B.T.
- For Kilvington's Spring & Cabin surrounded
 by about 10 acres of pasturage and orchard
 bear S. $64^{\circ} W.$ 9.80 chs
- 45.00 Hollow 30 ft. deep drains S.W.
- 78.00 Ridge over 300 ft high bears S.E.
- 87.00 Set a quartzite 15 x 8 x 7 in 10 in. in the ground
 for cor. to secs. 9. 10. 15 & 16 marked 4 notches
 in S. and 3 on E. edges
 from which
- A cedar 10 in. diam. bears N. $46^{\circ} 45' E.$ 10 lbs.
 dist. marked T. 2 N. R. 25 E. S. 10 B.T.
- A cedar 8 in. diam. bears S. $31^{\circ} 30' E.$ 20 lbs.
 dist. marked T. 2 N. R. 25 E. S. 15 B.T.
- A cedar 5 in. diam. bears S. $36^{\circ} 10' W.$ 28 lbs.
 dist marked T. 2 N. R. 25 E. S. 16 B.T.
- A cedar 8 in. diam bears N. $54^{\circ} 15' W.$ 16 lbs. dist.
 marked T. 2 N. R. 25 E. S. 9 B.T.
- Laid broken foothills
 Soil 3rd rate - rocky
 Timber cedar & pinon on 8000 chs.
 Mountainous on 8000 chs

Subdivision of T. 2 N. R. 25 E.

obs.	N. 89° 55' W. in a random line but sec. 9 & 16
4000	Set temp $\frac{1}{4}$ sec. cor.
79.88	Intersect N. & S. line 8 lbs. S. of cor to sec 8. 9. 16 & 17 Thinner 2 mm
	N. 89° 52' E. in a true line but. sec. 9 & 16
	Ascend from Willow Creek Canon
28.00	Top of canon, Ridge spur 200 ft high bears S.
35.00	Bulch 75 ft. deep drains S.
39.94	Set a sandstone 18 x 8 x 5 ins. 1 $\frac{1}{2}$ ins. in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft high S. of cor. - This impracticable
42.00	Ridge spur 200 ft. high bears S. - Ascend
48.00	Birch Creek (dry) drains S. It in bottom of Canon 200 ft. deep ascend
61.50	Cliff 30 ft. high bears N. & S.
65.50	Top of Canon - Ridge spur 400 ft. high bears S.
70.00	Hollow 40 ft. deep drains S.
73.50	S. point of ridge spur.
75.50	Hollow 40 ft. deep drains S.
77.00	Ridge spur 500 ft. high bears S.E.
79.88	The cor to sec 9. 10. 15 & 16 Hand broken mountain Till 4 th rate - rocky Timber scattering piñon & cedar Mountainous on 79. 88 obs
	N. 0° 02' E. but sec 9 & 10
	Ascend
19.50	Ridge spur 500 ft. high bears S.W.

Subdivision of T. 2 N. R. 25 E.

obs.	
35.30	Brick Creek 3 Ms. wide 4 ins. deep runs. S. 97° in bottom of canon 200 ft. deep
40.00	Set a quartzite 15 x 8 x 7 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which A cedar 12 ins. diam. bears N. 40° W. 12 Ms. dist. marked $\frac{1}{4}$ S. 9 B.T.
	A cedar 8 ins. diam. bears S. 78° 45' E. 42 Ms. dist. marked $\frac{1}{4}$ S. 10 B.T.
57.00	Ridge spur 50 ft. high bears W.
64.50	Head of hollow drains W.
80.00	Falls on sandstone 4 x 3 x 2 ft. above ground Set a cross(+) at the exact cor. point for cor. to sec. 3. 4. 9 & 10 marked 5 notches on S. and B. on E. edges from which A cedar 10 ins. diam. bears N. 51° 15' E. 15 Ms. dist. marked T. 2 N. R. 25 E. S. 3 B.T.
	A cedar 24 ins. diam. bears S. 18° 45' E. 13 Ms. dist. marked T. 2 N. R. 25 E. S. 10 B.T.
	A cedar 10 ins. diam. bears S. 47° 45' W. 37 Ms. dist. marked T. 2 N. R. 25 E. S. 9 B.T.
	A cedar 7 ins. diam. bears N. 31° 30' W. 17 Ms. dist. marked T. 2 N. R. 25 E. S. 4 B.T.
	Land broken mountains Soil 4 th rate - rocky Timber cedar & pines on 80.00 obs Mountainous on 80.00 obs

N. 89° 52' W. on a random line
bet sec. 4 & 9

40.00	Set lump $\frac{1}{4}$ sec. cor
80.10	Intersect N. & S. line 12 Ms. N. of cor. to sec. 4. 5. 8 & 9 Then 3 mm

Subdivision of Tp. 2 at R. 25 E.

obs.

*S. 8954' E. on a true line
Lat. elev. 44 x 9*

Second

- 3.00 Willow Creek 5 ft. wide 6 ins. deep, over 2 m.
bottom of canon 500 ft. deep
- 4.00 Road here N. & S.
- 7.00 Head canon reached
- 40.05 Set a sandstone 18 x 10 x 7 ins. 12 ins. in the
ground for 1/4 sec. cor. marked 1/4 on N. face
and raised a mound of stone 2 ft. base 1 1/2
ft. high N. of cor. Sets impracticable
- 80.10 Thru cor. to sec. 3. 44. 9 x 10
hard broken mountains
Soil 4th rate - rocky
Timber scattering cedar & pinon
Mountainous on 80.10 obs.

*N. 0002' E. on a random line
Lat elev. 3 x 4*

- 40.00 Set temp. 1/4 sec. cor.
- 80.20 Entered W. Body of Tp. at cor. to sec. 3.
4. 33 x 34
Skinned down

*9.0'02' W. on a true line
Lat. elev. 3 x 4*

Second

- 5.00 Ridge open 1000 ft. above Willow Creek bears S. W.
10.00 Bench 75 ft. deep drains S. W.
- 20.00 S. W. point of ridge open
- 22.00 Grassy hollow 25 ft. deep drains W. W.
- Second*
- 22.00 Enter grassy plateau
- 40.20 Set a sandstone 15 x 10 x 5 ins. 10 ins. in the

Subdivision of T. 2 d. R. 25 E.

Obs.	ground for $\frac{1}{4}$ acre. cor. marked $\frac{1}{4}$ on W. face and raised a stone mound 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impractical A piston 15 ins. diam bears N. $56^{\circ} 35' W.$ 231 ft. dist marked $\frac{1}{4}$ S. 4 B. T. No other trees within limits.
52.00	Risen from plateau
65.00	Hollow 50 ft. deep drains W.
75.25	Ridge spur 800 ft. high bears S. W.
80.20	The cor. to sec 3. 4. 9 & 10 land high broken mountains Soil 4 th rate - rocky Timber scattering mahogany cedar & piston Mountains in 80. 20 chs

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From the established cor. to sec 2. 3. 34 & 35 on S. Bdy of Tp. boundary described
From

N. $0^{\circ} 03' E.$ lat sec 34 x 35

15.00	Gully 10 ft. deep drains W.
28.00	Road bears E. & W.
40.00	Set a sandstone 18 x 10 x 7 ins. 12 ins. in the ground for $\frac{1}{4}$ acre. cor. marked $\frac{1}{4}$ on W. face deep pits 18 x 18 x 12 ins. N. & S. of cor 3 ft. dist. and raised a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
70.00	Enter broken land hills and scattering cedars
80.00	Set a sandstone 16 x 6 x 4 ins. 11 ins. in the ground for cor to sec 26. 27. 34 & 35 marked 1 notch on S. and 2 on E. edges from which A dead cedar 5 ins. diam bears N. $56^{\circ} E.$ 20 ft. dist. marked T. 2 d. R. 25 E. S. 26 B. T. A cedar 30 ins. diam bears N. $45^{\circ} W.$ 2 ft. dist marked T. 2 d. R. 25 E. S. 27 B. T.

Subdivision of T. 2 N. R. 25 E.

A dead cedar 36 ins. diam bears S. $68^{\circ}30' E.$
 120 Ms. dist. marked T. 2 N. R. 25 E. S. $35^{\circ}3.5'$.
 A dead cedar 20 ins. diam bears S. $7^{\circ}30' W.$ 208
 Ms. dist. marked T. 2 N. R. 25 E. S. $34^{\circ}B.T.$
 Sand broken beach
 Soil 2nd rate - sandy
 Timber scattering cedar on st. 10 des

West on a random line
 lat. sec. 27 & 34

- 4.000 Set temp $\frac{1}{4}$ sec. cor.
 8.018 Intersect N. & S. line 6 Ms. N. of cor. to sec
 28, 27, 34 & 33
 Thence I m
 N. $89^{\circ}57' E.$ on a true line
 lat. sec. 27 & 34
- 3.00 Wire fence bears N. & S. Discreet
 3.75 Enter Willow Creek bottom - Irrigation ditch
 3 Ms. wide 18 ins. deep runs S.
 4.00 Willow Creek 10 Ms. wide 6 ins. deep runs S. inter
 8.10 Road bears N.W. & S.E.
 10.70 Irrigation ditch 3 Ms. wide 1 ft. deep runs S.E.
 10.75 Hay field - Wire fence bears N.W. and S.E.
 10.85 Irrigation ditch 3 Ms. wide 1 ft. deep runs S.E.
 11.00 Road to Rock Springs bears N.W. & S.E.
 11.50 Hay bottom - Discreet
 16.00 Enter broken beach
 24.00 Hay beach - Discreet
 33.50 Enter hollow 50 ft. deep drains S.
 3500 Road bears N. & S.
 37.00 Wash 10 Ms. wide 2 ft. deep drains S.
 40.09 Set a sandstone 18 x 15 x 4 ins 12 ins in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
 from which
 A cedar 12 ins diam bears S. $48^{\circ}15' E.$ 56 Ms.

Subdivision of T. 2 N. R. 25 E.

obs.	dist. marked 1/4 S. 34 P.T. A cedar 12 ins. diam. bears. N. 63° 45' W. 24 ins. dist. marked 1/4 S. 27 P.T.
42.00	Leave broken hollow around Enter broken bench
45.50	Ridge spur 25 ft. high bears S.W.
55.50	Wash 8 ins. wide 2 ft. deep. drains S.E.
64.50	" " " " " S.W.
67.00	The cor to sec 26, 27, 34 & 35
68.18	Leave broken bench & bottom
68.68 71.50	Soil 1 st & 2 nd rate Timber some scattering cedars on bench Mountains on E. 68.68 obs

East on a true line
but secs 26 & 35

	In broken foothills
24.00	Around rocky W. slope
32.00	Enter high broken bench
36.00	Leave cedars around on bench
40.00	Set a sandstone 16x8x5 ins. 11 ins. in the ground for 1/4 cor cor. marked 1/4 on N. face dry pits 18x18x12 ins. E. & W. of cor. 3 ft. dist and raised a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor
81.40	Intersection Utah - Colorado Bdy. line N. 0° 04' E. 80.00 obs from mile cor. or 267 ^{1/2} (The cor. to Mile No 268 should be at point of inter- section but I am unable to find it) At point of intersection I set a quartzite 18x10 x5 ins. 12 ins. in the ground for closing cor. to sec 26 & 35 ^{and 30th} measured C.C. on W. and 1 from on E. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
36.00 43.40	Leave W. 1/2 broken foothills E. 1/2 broken bench Soil 3 rd & 2 nd rate

Subdivision of T. 2 N. R. 25 E.

obs	<p>Timber scattering cedar on W. 36.00 chs Mountainous on W. 36.00 chs</p> <p style="text-align: center;">$87.0^{\circ}03' E.$ lot sizes 26×27</p> <p>15.00 S. end of knoll 50 ft. high 24.50 W. end of same 27.50 Gully 15 ft. deep drains W. 32.00 " " " S. W. 36.00 " " " S.E. 40.00 Set a sandstone $18 \times 8 \times 6$ ins. 12 ins in the ground for cor marked $\frac{1}{4}$ on W. face dig pits $18 \times 18 \times 12$ ins. N. & S. of cor. 3 ft. dirt and raised a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high W. of cor. A dead cedar 8 ins. diam. bears $80^{\circ} E.$ 202 ft. dist. marked $\frac{1}{4}$ S. 26 P.T. No other trees within limits 63.00 Summit of Knoll 50 ft. high 72.00 Gully 25 ft. deep drains S. W. 76.00 Same scattering cedars 80.00 Set a sandstone $16 \times 10 \times 5$ ins. 11 ins. in the ground for cor to eves. 22. 23. 26 x 27 marked 2 notches on S. and E. edges; dig pits $18 \times 18 \times$ 12 ins in each eve. $5\frac{1}{2}$ ft. dirt and raised a mound of earth 4 ft. base 2 ft. high W. of cor. Sand broken footings Soil 3rd rate Timber scattering cedars on S. 76.00 chs Mountainous on S. 76.00 chs</p> <p style="text-align: center;">$89^{\circ}57' W.$ on a random line lot. sizes 22×27</p>

Subdivision of T. 2 N. R. 25 E.

Chs.	
40.00	Set tamps $\frac{1}{4}$ ac. cor.
80.12	Interest N. & S. line 5 mrs. W. of cor. to sec 21. 22. 27 & 28 Then I mrs
	$W. 89^{\circ} 55' E.$ on a true line Set sec. 22 & 27
	In Willow Creek-bottom
5.00	Ascend - leave bottom
11.00	Enter broken bunch
18.50	Wash 5 mrs. wide 2 ft. deep drains S.E.
28.50	" 3 " " 1 " "
40.06	On I point of higher bunch. Set a sand- stone 15x7x6 ins. 10 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. It's impracticable
47.00	Bulky 10 ft. deep. drains S.
60.00	Wash 5 mrs. wide 12 ins. deep drains S.
69.50	" " " " " "
80.12	The cor. to sec. 22. 23. 26 & 27 Leave broken bunch Set 3 rd rate Timber a few scattering cedars

East on a true line
Set sec. 23 & 26

3.00	Bulky 20 ft. deep drains S.W.
10.50	Ridge spur 50 ft. high bears S.
17.00	Bulky 20 ft. deep drains S.W.
20.50	" " " " "
32.50	Ridge 100 ft. high bears N. & S. - leave scattering cedars
40.00	Set a sandstone 20x12x3 ins. 15 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on N. face

Subdivision of T. 2 N. R. 25 E.

- obs and raised a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high W. of cor.
 Pits impracticable
 Non gradual descent on bank
- 6000 Descent to lower bank
- 81.5 Interest Utah & Colorado Bldy line at
 Mile cor. the 269 horizontal described. I
 mark said point by setting a sandstone
 $18 \times 12 \times 4$ ins. 12 ins. in the ground for clearing
 cor to sec. 23 & 26 marked C.C. on W. and
^{and south.}
 2 grooves on S. face and raised a mound
 of stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor.
 Pits impracticable
 Land W. $\frac{1}{2}$ broken hills $8\frac{1}{2}$ rolling bank
 Soil 3rd and 1st rate
 Timber scattering cedar on NW. 32.57 obs
 Mountainous on NE. 40.00 obs

N. 0°05' E. bet secs 22 & 23

- Descent
- 34.00 Gully 10 ft. deep drains S. W.
 4000 Set a sandstone $15 \times 7 \times 6$ ins. 10 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 from which
 A cedar 10 ins. diam bears N. 53°45' W. 103 ft.
 dist. marked $\frac{1}{4}$ S. 22 B. T.
 A cedar 12 ins. diam, bears S. 65°30' E. 180 ft.
 dist. marked $\frac{1}{4}$ S. 23 B. T.
- 8000 Set a porphyry $20 \times 12 \times 8$ ins 15 ins. in the
 for cor. to sec 14. 15. 22 & 23 marked 3 notches
 on S. and 2 on E. edges and raised a mound of
 stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor.
 Pits impracticable
 Land broken foothills
 Soil 3rd rate
 Timber scattering cedars

Subdivision of T. 2 N. R. 25 E.

obs

October 6th 1898

S. 89° 55' W. on a random line
lat. sec. 15 & 22

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
80.26 Intercept N. & S. line $\frac{1}{4}$ Ms. S. of cor. to sec.
14. 15. 22 & 23
Thinner 2 mm
- S. 89° 59' E. on a random line
lat. sec. 15 & 22
- 1.25 Ascend
Enter hollow, Wash ^{30 ft. deep} 10 Ms. with 2 ft. deep
drains S.E.
- 6.00 Road bears N.W. & S.E.
Same hollow - ascend
Enter broken bunch
Bulky 20 ft deep drains S.E.
- 7.25 "
9.00 "
15.00 "
21.50 "
27.00 Wash 10 Ms. with 2 ft. deep drains S.E.
30.25 Ridge open 30 ft. high bears S.E.
40.13 Set a quartzite 15 x 7 x 7 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face
and raised a mound of stone 2 ft. base
 $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable
A cedar 4 ins. diam. bears N. 27° 15' E. 47 Ms. dist
marked $\frac{1}{4}$ I. 15 B.T.
No other trees within limits
- 42.50 Hollow 50 ft. deep drains S.W.
The cor. to sec. 14. 15. 22 & 23
Sand broken foothills
Soil 3rd rate - rocky
Twigs scattering cedars
Mountainous on S. 26 obs

Subdivision of T. 2 N. R. 25 E.

obs

East on a true line
lat. sec 14 & 23

- 16.00 Gully 10 ft deep drains S.
20.00 " 20 " " "
23.00 Mouth of gulch 30ft deep heads N.
28.50 Enter flat ridge 100 ft. high bears N.E. S.
35.00 Leave ridge, descend rocky E slope
Set a sandstone 15 x 8 x 5 ins. 10 ins. in the
ground for 1/4 sec. cor marked 1/4 on W. face
from which
A cedar 5 ins. diam. bears S. 44° 30' N. 52 Mts.
dist. marked 1/4 T. 23 B. T.
A cedar 8 ins. diam bears N. 41° 30' N. 15 Mts.
dist marked 1/4 T. 14 B. T.
42.50 Enter Beaver Creek branch. Bear cedars.
Leave, descend abruptly.
61.50 Enter Beaver Creek. bottom 75 ft deep
62.50 Beaver Creek 6 Mts wide 6 ins. Sup runs S.E.
64.00 Spring Branch 12 Mts wide 4 ins. deep
runs S.E. heads N.E. 4 obs. dist around
bear bottom.
80.00 Enter Cottonwood grove
80.90 At head of small spring runs S. Intersect
Utah - Colorado Bdy line N. 0° 26' W. 8000 ft
from mile cor. No 269 herefor described the
nearest mile cor. set. At point of intersection
set a sandstone 15 x 10 x 5 ins 10 ins. in the
ground for closing cor to sec 14 & 23 marked
C.C. on W. and 3 grooves on S. faces.
from which
A cottonwood 8 ins. diam bears S. 57° 30' N. 20 Mts.
dist. marked T. 2 N. R. 25 E. T. 23 C. C. B. T.
A cottonwood 5 ins. diam bears N. 7° N. 40 Mts.
dist. marked T. 2 N. R. 25 E. T. 14 C. C. B. T
Land mostly broken ridges
Soil 3rd ^{and} rocky
Timber pine and cedar on N. 42.50 obs

Subdivision of T. 2 N. R. 25 E.

Obs.

Mountains on 62.90 obs.

N. 0°03' E. bet sec 14 & 15.

- 3.50 Enter down cedars
19.00 Ridge spur 50 ft. high bears SW.
31.00 Gulch 50 ft. deep drains S. W.
36.00 Ridge spur 50 ft high bears SW.
38.00 Gulch 50 ft. deep drains S. W. - Around
main mountains
40.00 Set a sandstone 18x8x5 ins 12 ins. in the
ground for 1/4 sec. Cor. marked 1/4 on W. face
from which
A cedar bair. diam bears N. 42° E. 10 lbs. dist.
marked 1/4 S. 14 B. T.
G. cedar 10 ins. diam. bears S. 71° W. 18 lbs. dist.
marked 1/4 S. 15 B. T.
57.00 Ravine 50 ft deep drains SW.
80.00 Set a quartzite 20x17x5 ins. 15 ins. in the ground
for cor. to secos. 10, 11, 14 & 15 marked 4 notches
on S. and 2 on E. edges
from which
A dead cedar 10 ins. diam. bears S. 65° W. 24 lbs.
dist. marked T. 2 N. R. 25 E. S. 15 B. T.
A dead cedar 10 ins. diam. bears S. 25 E. 40 lbs.
dist. marked T. 2 N. R. 25 E. S. 14 B. T.
A dead cedar 4 ins. diam. bears N. 60° 30' E.
16 lbs. dist. - marked T. 2 N. R. 25 E. S. 11 B. T.
A dead cedar 5 ins. diam. bears N. 29° 15' W. 16 lbs.
dist. marked T. 2 N. R. 25 E. S. 10 B. T.
Land broken foothills and mountains
Soil 3rd & 4th rate rocky
Timber dense cedars on S. 76.50 obs.
Mountains on 80.00 obs

Subdivision of T. 2 N. R. 25 E.

obs

N. 89° 59' W. on a random line
dist. secs. 10 & 15

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.08 Intercept N. & S. line 8 Ms. S. of cor to 80.00
9. 10. 15 & 16
Rough 2 mm

S. 89° 56' E. on a true line
dist. secs. 10 & 15

- 3.00 Hollow 75 ft. deep drains S.E.
12.00 Ridge spur 200 ft. high bears S.
16.00 Hollow 35 ft. deep drains S.
21.50 Ridge spur 200 ft. high bears S.
24.00 Hollow 50 ft. deep drains S.
27.50 Ridge spur 200 ft high bears S.
32.00 Hollow 100 ft. deep drains S.
40.04 Falls in quartzite 5x4x3 ft above ground
I cut a cross (+) at the exact cor point for $\frac{1}{4}$ sec
marked $\frac{1}{4}$ on N. face
from which
A pinion 10 in. diam. bears S. 84° 15' W. 56 Ms.
dist. marked $\frac{1}{4}$ S. 15 P.T.
A cedar 24 in. diam. bears N. 57° 50' W. 60 Ms.
dist. marked $\frac{1}{4}$ S. 10 P.T.
44.00 Gulch 50 ft. deep drains N.W.
48.00 Ridge spur 300 ft high bears S.W.
80.08 The cor to secs 10. 11. 14 & 15
Grand broken mountains
Soil 4th rate rocky
Timber cedar & pine on 80.08 obs
mountainous on 80.08 obs

East on a true line
dist. secs. 11 & 14

Subdivision of T. 2 N. R. 25 E.

ds.	
6.00	Ridge open 100 ft. high bears S. Canyon 100 ft. deep drains S.W.
15.00	Ridge open 300 ft high bears S.
29.00	Set a sandstone 18 x 7 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
40.00	A cedar 8 ins. diam. bears N. 35° W. 30 lbs. dist. marked 1/4 S. 11 B. T.
	A cedar 9 ins diam. bears S. 11° 15' E. 18 lbs. dist. marked 1/4 S. 14 B. T.
	On account of high precipitous mountains it becomes impracticable to continue on this line I therefore offset.
	South 30.00 ds to a point
	then East 40.53 ds. to a point on the Utah- Colorado Bdy line thence along said Utah Cof. Bdy N. 0° 25' W. 125 ds. to a point on the Utah - Colorado Bdy line S. 0° 25' E.
80.30	112.47 ds. from true cor. 1/2 27 1/2 feet from described and S. 0° 25' E. 28.75 ds from the true cor. point for closing cor. to sec. 11 & 14 which cannot be established on account of high inaccessible mountains. Therefore at the point reached by offset line S. 0° 25' E. 28.75 ds. from true cor. point on the W. side of Bear Creek bottom I set a sandstone 15 x 10 x 8 ins. 10 ins. in the ground for witness closing cor. to sec. 11 & 14 ^{and 2 more} marked W. C. C. on W. and 4 grooves on S. faces and raised a mound of stone 3 ft. base 1 1/2 ft. high W. of cor. It's impracticable An aspen 4 ins. diam. bears S. 20° W. 33 lbs. dist. marked T. 2 N. R. 25 E. S. 14 W. C. C. B. T. Land high broken mountains Soil 4 th rate - rocky Timber scattering pine & cedar Mountains on 80.30 ds

Subdivision of T. 2 N. R. 25 E.

15.

N. 0°03' E. bet secs. 10 & 11

- Second precipitous main mountain
 33.50 Top of cliff 50 ft. high bears E. & W.
 Cut broken plateau and dense mahogany
 40.00 Set a sandstone 24 x 18 x 12 ins. 18 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face
 from which
 A mahogany 6 ins. diam bears S. 43° E. 12 Ms.
 dist marked $\frac{1}{4}$ S. 11 B. T.
 A mahogany 5 ins. diam bears N. 61° 30' W.
 32 Ms. dist. marked $\frac{1}{4}$ S. 10 B. T.
 60.00 Large Mahogany - descend in scattering cedar
 63.50 Broad gulch 50 ft. deep drains W.
 81.00 Set a sandstone 22 x 12 x 7 ins. 17 ins. in the
 ground for cor. to secs 3. 3. 10 & 11 marked 5
 notches on S. and 2 on E. edges and raised
 a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of
 cor. Pits impracticable
 A Mahogany 6 ins. diam bears N. 17° 45' W.
 200 Ms. dist. marked S. 2 N. R. 25 E. S. 3 B. T.
 No other trees within limits
 Large broken mountains and plateau
 Soil 4th rate - rocky
 Timber dense mahogany on 26. 50 chs balance
 scattering cedar & mahogany
 Mountains on 8000 chs

October 7th 1898

N. 89°56' W. on a random line
 bet. secs 3 & 10

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect N. & S. line 10 Ms. W. of cor. to
 secs. 4. 3. 9 & 10
 Thru 1' from

Subdivision of T. 2 N. R. 25 E.

Chs.

*East on a true line
but. secs 3 & 10*

6.50	Ridge spur 500 ft. high bears S. - Second larch cedars
19.50	Hollow 50 ft. deep drains S.
32.50	Ridge spur 75 ft. high bears S.
27.00	Enter Birch Creek Cañon 150 ft. deep drains S.W.
29.50	Birch Creek 2 lbs. wide 4 ins. deep runs S.W.
36.00	Enter corral
36.75	Larch corral
37.00	Larch cañon - Second
40.09	Set a quartzite 15x8x6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. — fits impracticable
41.50	Ridge spur 75 ft. high bears N.W.
45.00	Hollow 50 ft. deep drains N.W.
80.18	The cor. to secs. 2. 3. 10 & 11 Land high broken mountains Soil 4th rate rocky Timber cedars on W. 19.50 Chs. Mountains on 80.18 Chs.

*East on a true line
but. secs. 2 & 11*

Second

17.50	Broad gulch 75 ft. deep drains S.W.
40.00	Set a sandstone 18x10x4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. — fits impracticable
67.00	Quartzite ledge 40 ft. high bears N.W. & S.E.
79.70	Intersection Utah-Colorado Boundary line S. 0° 25' E.

Subdivision of T. 2 N. R. 25 E.

chs 3.72 chs from Miller's M. 272 heretofore described. At point of intersection I set a Sandstone $22 \times 14 \times 4$ ins. 14 ins. in the ground for closing cor. to secs. 2 & 11 marked C.C. on W. and 5 grooves on S. face, and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. fits impracticable
 A mahogany 8 ins. diam. beam N. 68° 45' W. 124 lbs. dist. marked T. 2 N. R. 25 E. S. 2 C. C. B. T.
 No other trees within limits
 Land high broken plateau.
 Soil 4th rate - rocky
 Timber a few scattering mahogany and cedar
 Mountainous on 79.70 chs

N. 0° 03' E. on a random line
 bet. secs. 2 & 3.

- 4000 Set temp 14 sec. cor.
 8000 Intersect W. Body. of Tp. at cor. to secs. 2. 3. 34 & 35 heretofore described
 Then westward
 S. 0° 03' W. on a random line
 bet. secs 2 & 3
- 4000 Set a sandstone $13 \times 10 \times 6$ ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which
 A mahogany 10 ins. diam. beam N. 34° 30' W. 50 lbs. dist. marked $\frac{1}{4}$ S. 3 B. T.
 A mahogany 8 ins. diam. beam S. 70° 30' E. 112 lbs. dist. marked $\frac{1}{4}$ S. 2 B. T.
- 57.00 Quartzite ledge 75 ft. deep bears W. & S. E.
 64.00 Gulch 75 ft. deep drains W.
 8000 The cor. to secs 2. 3. 10 & 11
 Land high broken plateau
 Soil 4th rate - rocky

Meanders T. 2 N. R. 25 E.

Timber scattering mahogany & cedar
Mountains on 8,000 chs

October 8th 1898

Meanders of the right Bank of Green
River, down stream.

Survey commenced October 8th 1898.

I begin at the meander cor. of tract. secs.
25 & 30 on W. Body of Tp. ^{Went for about} and sight over
the true Meridian established by me at the
cor. to secs 19, 24, 25 & 30.

Hence I run with meander in sec. 30
S. 70° 15' E. 5.80 chs.

N. 89° E. 14.00 "

S. 55° 45' E. 13.00 "

S. 52° 30' E. 12.00 "

S. 34° E. 5.00 "

S. 11° 45' E. 6.50 "

S. 40° 15' E. 7.00 "

65.00 S. 22° W. 1.70 " to meander cor. of tract
secs 30 & 31

Land river bottom

Floid 2nd rate sandy

Timber a few cottonwoods

There in sec. 31

S. 40° 30' W. 8.10 chs.

S. 40° 15' W. 7.60 "

N. 87° W. 3.00 "

N. 71° 30' W. 8.50 "

N. 64° 15' W. 12.00 "

48.90 N. 84° 30' W. 9.70 " to meander cor. of
tract. secs. 30 & 31 which is also the cor. to secs.
25, 30, 31 & 36 on W. Body of Tp. - same from

Meanders S. 2 d. R. 25 E.

Meanders on right bank of Green River
down stream continued

the established Meander cor. to fract. secs.
31 & 36 on W. Body of Tp. Meridians described
I now
S. 83° 45' E. 7.70 chs at 6.5 chs. Turn back to
bare cultivated land
S. 60° E. 4.80 chs
S. 45° 45' E. 11.00 "
S. 27° 30' E. 11.00 " to upper end of narrow
precipitous rock canon
S. 11° E. 18.00 " to Meander cor. of fract.
secs. 6 & 31 on E. Body of Tp.
Land broken banks, bottom and canon
Soil 2nd rate sandy & 4th rate rocky
Timber a few cottonwoods
Mountainous in 18⁰⁰ chs

Meanders on the left bank of Green River
down stream

I begin at the Meander cor. of fract. secs 19 &
24 on the W. Body of Tp. Meridians described
and obtain the true Meridian by sighting over
said Tp. line

Then I run with Meanders in sec. 19

S. 46° 30' E. 6.80 chs

S. 29° 30' E. 4.20 "

S. 40° 45' W. 11.00 "

S. 54° W. 7.10 " to Meander cor. of fract.
secs. 19 & 24

Land W. edge of broken brush

Soil 2nd rate

Timber a few cottonwoods

Mountainous on 29.10 chs

Meadows. T. 2 N. R. 25 E.

Meadows of the left bank of Green River
down stream, continued:

Thence in sec. 30		
S. 49° E.	4.10	chs.
N. 88° 15' E.	15.00	"
S. 87° 30' E.	4.90	" ✓
S. 56° E.	6.40	" ✓
S. 49° 15' E.	6.60	" ✓
S. 38° 15' E.	2.20	" ✓
S. 69° 30' E.	3.30	" ✓
S. 54° 15' E.	4.00	" ✓
S. 51° 30' E.	7.30	" ✓
S. 39° E.	5.00	" ✓
S. 39° 15' E.	7.30	" ✓
S. 44° 00' E.	3.70	" ✓

1-02-30 S. 8° 45' W. 12.50 " to meander cr. of fract.
secs. 30 & 31

Gated steep broken edges of bench
Soil 2nd rate
Timber a few cottonwoods
Mountainous on S.E. 30 chs

Thence in sec. 31		
S. 40° W.	10.00	chs. at 3 chs. mouth of
N. 50° W.	7.90	" gulch heads E.
S. 44° 45' W.	7.10	"
S. 88° 45' W.	10.00	"
N. 74° W.	4.50	"
N. 55° 45' W.	9.10	"
N. 64° W.	10.00	"
S. 78° 15' W.	2.10	" to meander cr. of fract. secs. 31 & 36 on W. Bdy. of Tp. herefor described.

I now begin at the meander cr. to fract. secs.
31 & 36 on W. Bdy of Tp. herefor described
and continue meanders in sec. 31:
S. 46° 30' E. 5.50 chs.

Meanders S. 2 N. R. 25 E.

Meanders of the left bank of Green River
down stream continued:

1063-0

S. 44° 15' E. 5.80 chs.
S. 58° 30' E. 12.00 "
S. 39° E. 8.80 "
S. 0° 30' E. 7.00 "
S. 10° E. 11.00 " at 5th rocky point
S. 6° 30' E. 5.90 "
S. 30° 15' E. 4.80 "
S. 37° 30' E. 1.27 " to Meander cor. of front.

secs. 6 & 31 on S. side of Tp.
henceforth described

Land river bottom and rocky, cut over and broken
soil 2nd & 4th rate

Timber a few cottonwoods

Montaneous on 78.67 chs.

October 8th 1898

General Description

This Tp. embraces a portion of Browns Park NE of Green River, Willow Creek bottoms and the surrounding hills and mountains. Browns Park is about 3 miles wide and consists of rolling benches - Willow Creek Valley runs North through secs. 28, 29 & 34 with average 10.00 chs. in width and is mostly under cultivation being irrigated from Willow Creek. Birch Creek is a small stream running in a dry canon through secs 3, 10, 9 & 16. Its waters sink in the rock breaks but are supposed to rise again at least in part at the Wellington Spring in sec. 16. Bear Creek running through secs 14 & 23 might be taken out in sec 14 and used to irrigate some fine buck land in secs 23 & 26.

General Description T. 2 N. R. 25 E.

Water for further cultivation can only be obtained from Green River, at great expense. But the climate is favorable and the soil seems to be specially adapted for fruit raising. I had some fine fruits from Geo. Wellington's place in sec. 16 and Thos. Damijon's orchard in sec. 28. The foothills and mountains are generally covered with cedar and piñon pine and the whole Tp. affords most splendid pasture.

D. E. No 1217 Edward H. Rife the S.E.^{1/4} of the S.W.^{1/4} sec. 34. - D. E. No 1322 Alfred J. Moray W.^{1/4} N.W.^{1/4} S.W.^{1/4} sec. 34. - D. E. No 1779 Arthur C. Briggs S.W.^{1/4} S.W.^{1/4} sec. 27. - D. E. No 1216 Thomas Damijon S.W.^{1/4} N.W.^{1/4} - N.W.^{1/4} S.W.^{1/4} sec. 27 and E.^{1/4} N.E.^{1/4} sec. 28 are all in Willow Creek bottom and generally found & cultivated. D. E. No 2589 Alice Damijon the W.^{1/4} of the S.E.^{1/4}, W.^{1/4} S.E.^{1/4}, N.W.^{1/4} and S.W.^{1/4} sec. 28, is on the bank West of Willow Creek under fence and can be irrigated by a ditch from Willow Creek already constructed, provided there is sufficient water. - D. E. No 2199 Augusto C. Mc. Dougal is said to be in sec. 22 I have shown it there on the maps but on the ground I found no improvements.

The N.W. part of this Tp. gives many indications of copper and considerable prospecting has been done there, but so far no shipments of ore has been made. Around Beaver Creek in secs. 14 & 23 I found promising indications of gold. As there are no producing mines I don't return any as mineral land.

Adolphus Jensen
U. S. Dep Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

showing the respective capacities in which they acted:

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

_____, United States Deputy Surveyor, in surveying all those parts or portions of the _____

of the _____

meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

_____, Chainman.

_____, Chainman.

_____, Moundman.

_____, Moundman.

_____, Axman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to before me this _____
day of _____, 189 _____ }



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for bearing date of day of , 189 I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of
.....

..... of the meridian, in the which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said and sworn to before me }
this day of , 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Dakota City, Minn., Jan. 10, 1897
John D. Jaeger, 25 East of the Dakotah Dado & General
Agent

executed by Adolphus J. under his contract No. 218, dated October 19th, 1897, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Jan. 10, 1897

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this office.

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H.S.P.

4-679.

BOOK A-254

H.S.P.

FIELD NOTES

OF THE SURVEY OF THE

West Boundary

and

East Boundary.

Township 3 North

Range 24 East

Of the Salt Lake Base & Meridian,
State of Utah

AS SURVEYED BY

Adolphus Jessen, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1897

Survey commenced October 10th, 1898

Survey completed October 11th, 1898

6-151

Main Line (Right) 3-12-65
doubling 3-12-65
East Border 3-12-65
doubling 3-12-65

NAMES AND DUTIES OF ASSISTANTS.

John Hickman
Charles Potter

Hickman
Potter

Hugh Hughart

Hughart

Hugh Hughart

Hughart

D. S. Morgan

Frank J. Briggs

Morgan
Briggs

For preliminary affidavits see Part D.

BOOK A-254

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	20	28	27	26	25
21	22	23	24	25	26

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assay measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surv

John Fletcher, Chain
Charles Patter, Chain

Subscribed and sworn to before me this _____
day of _____, 189 }



We, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establish of corners, according to the instructions given us, to the best of our skill and ability, in the surv

Wm. W. Highland, Mound
M. S. Morgan, Mound

Subscribed and sworn to before me this _____
day of _____, 189 }



We, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the surv

Wm. W. Highland, Ax
D. S. Morgan, Ax

Subscribed and sworn to before me this _____
day of _____, 189 }



I, _____, do solemnly swear that I will well and t perform the duties of flagman according to instructions given me, to the best of my skill and ability, in survey of _____

Frank J. King, Flagman

Subscribed and sworn to before me this _____
day of _____, 189 }



West Boundary of T. 3 N. R. 24 E.

obs

Survey commenced October 10th 1898 in
the instrument described in Book "A".

At the established cor. to Tps. 2 & 3
S. 23 & 24 E. heretofore described I set
over the true Meridian established by me
at this cor. in my survey of the S. End
of T. 2 N. R. 24 E. and find that it gives
a mean magnetic declination of 16°

Then I run

North lat sec. 31 & 36

Along the East edge of Gorlie Mtnd in
plateau.

6.00	Head of cañon drains S.E.
4.00	Set a Feldspar 15 x 8 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable.
6.50	Head of precipitous Cañon drains E.
68.00	Descend from plateau on N.E. slope of Gorlie Mountain. The discovery shaft of the Flinthill Mining claim 5 ft. deep 4 ft. square showing copper ore bears S. 45° E. 1 ch. dist.
80.00	At head of gulch drains S.E. set a lime- stone 18 x 14 x 4 ins. 12 ins. in the ground for cor. to secos 25. 30. 31 & 36 marked 1 notch on I and 5 on N. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
	Gang high broken plateau Set 4 th rate - rocky Timber none.
	Mountainous in 80.00 obs

West Boundary of T. 3 N. R. 24 E.

Obs	North lat. sec. 25 & 30
	Raised N.E. slope of Gothic Mountain
8.00	Gulch 50 ft. deep drains E.
18.00	Small spring on S. side of gulch bears W. 50 lbs. dist.
19.50	Gulch 50 ft. deep drains N.E.
24.00	Gulch 100 ft. deep drains E.
31.00	Rocky ridge spur 150 ft. high bears E.
40.00	Fit. a quartzite 16x10+6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 14 on W. face and raised a mound of stones 2 ft. base 1 1/2 ft. high W. of cor. Fit. impracticable
45.00	Gulch 50 ft. deep drains N.E. - Later heavy rolling brush and scattering cedars. Descent more gradual
50.00	In S. edge of thick cedars Fit a porphyry 15x7x5 ins. 10 ins. in the ground for cor. to secs 19. 24. 25 & 30 marked 2 notches on S. and 4 on E. edges and raised a mound of stones 2 ft. base 1 1/2 ft. high W. of cor. Fit. impracticable
	A cedar 10 ins. diam bears T. 51°15' W. 22 lbs. dist. marked T. 3 N. R. 23 E. T. 25 P.T.
	A cedar 5 ins. diam. bears T. 69°15' E. 32 lbs. dist. marked T. 3 N. R. 24 E. T. 30 P.T.
	A cedar 4 ins. diam. bears N. 49° E. 15 lbs. dist. marked T. 3 N. R. 24 E. T. 19 P.T.
	No other trees within limits
	Land mountain slope and rolling brush Soil 3rd rate rocky
	Timber, scattering cedars on N.E. end.
	Mountainous on 80.00 obs

North lat. sec. 19 & 24

West Boundary of T. 3 N. R. 24 E.

chs.	Descent
20.00	Lean cedars - abrupt descent.
24.00	Enter hollow. 50 ft. deep drains E.
30.50	Road to Leaven bears E. & W.
33.50	Wash 70 lbs. wide 10 ft. deep drains E.
35.00	Lean hollow - ascend - enter cedars
40.00	In gulch 50 ft. deep drains S.E. It a sandstone 30 x 16 x 8 ins. 25 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A cedar 30 ins. diam. bears S. 68° E. 42 chs. dist. marked 1/4 S. 19 P.D.T.
	A cedar 30 ins. diam. bears N. 21° 30' W. 45 lbs. dist. marked 1/4 S. 24 P.D.T.
	Thinner along in gulch
43.00	Gulch heads NW.
60.00	Ascend precipitous S.E. slope of the Clay Basin Ridge
67.50	Ravines 50 ft. deep drains S.E.
70.00	Along E. slope of ridge
80.00	Falls on sandstone 6 x 4 x 2 ft. above ground. I cut a cross (4) at the exact cor. point for ext. to secs. 13, 18, 19 & 24 marked 3 notches on S. and N. edges from which
	A cedar 14 ins. diam. bears N. 48° E. 12 lbs. dist. marked T. 3 N. R. 24 E. S. 18 P.D.T.
	A cedar 12 ins. diam. bears N. 28° 45' W. 30 lbs. dist. marked T. 3 N. R. 23 E. S. 13 P.D.T.
	A cedar 11 ins. diam. bears S. 70° 30' E. 38 lbs. dist. marked T. 3 N. R. 24 E. S. 19 P.D.T.
	A cedar 8 ins. diam. bears S. 40° W. 56 lbs. dist. marked T. 3 N. R. 23 E. S. 24 P.D.T.
	Hand broken mountains and brush
	Soil 4 to rate - rocky
	Timber cedar on 65.00 chs
	Mountains on 80.00 chs

West Boundary of T. 3 N. R. 4 E.

chs.	North lot secs 13 & 18 Along E. side of precipitous Bluff which 25 ft deep drains E. - Cedar become scattering. On solid sandstone ledge 20 ft. thick bears N.E. & S.W. I cut a cross (+) at the exact cor. point for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Posts impracticable A cedar 3 ins. diam bears. N. 45° E. 40 ft. dist. marked $\frac{1}{4}$ S. 18 P.T. No other trees within limits Now ascend precipitous S. slope 59.00 Summit of mtn 1000 ft higher than Clay Basin 64.60 Entered Utah-Wyoming Bd. line S. 89° 38' W. 34.25 chs. from mile cor. No 273 which is a cedar post 6 ins. square 7 ft long marked and situated as described by the Surveyor Gen- eral and N. 89° 38' E. 44.85 chs. from mile cor. No 274 which is a cedar post 6 ins. square 7 ft. long marked and situated as described by the Surveyor General - At point of inter- section I set a sandstone 18x12x8 ins. for closing cor. to secs. 13 & 18 marked C. C. and 4 grooves on S.; 6 grooves on E. & W. faces and raised a stone mound 2 ft. base 1 $\frac{1}{2}$ ft. high S. of cor. Posts impracticable Land mostly broken ledges Soil 4 th Date Timber cedar & piñon on S. 19.50 chs balance scattering Mountains on 64.60 chs
	October 10 th 1898

General Description

For general description see end of Subdivision field
notes of this Top.

Adolphus Jason
U. S. Dep. Surveyor

East Boundary of T. 3 N. R. 25 E.

ch.

Survey commenced October 11th 1898 with
the instrument described in Book "A".

At the established cor. to Twp. 2 & 3 N. R.
24 & 25 E. hotopeh described I sight over
the true Meridian established at this cor. in
my survey of the N. Body of T. 2 N. R. 25 E.
and find that it still gives a mean magnetic
declination of 16° East.

Then I ran

North line sec. 31 & 36

4.00	Ridge spur 100 ft. high bears W.
18.50	Hollow 50 ft. deep drains N.W.
24.00	Ridge spur 50 ft. high bears N.W.
38.50	Hollow 50 ft. deep drains N.W.
40.00	Set a limestone 16 x 4 ins. 11 ins. in the ground for cor. cor. marked $\frac{1}{4}$ on W. face from which
	A cedar 12 ins. diam. bears S. $33^{\circ}55' E.$ 14 lbs. dist. marked $\frac{1}{4}$ S. 31 B.T.
	A pine 12 ins. diam. bears N. $76^{\circ}15' W.$ 40 lbs. dist. marked $\frac{1}{4}$ S. 36 B.T.
44.00	Ridge spur 75 ft. high bears W.
54.50	Lead to head of Ewing canon bears N.E. & S.W.
68.00	Hollow 15 ft. deep drains N.W.
72.50	Ridge spur 25 ft. high bears W.
78.50	Spring Branch 2 lbs. with 3 ins. deep runs S.W. in Hollow 50 ft. deep.
80.00	Set a limestone 15 x 10 x 4 ins. 10 ins. in the ground for cor. to secs. 25, 30, 31 & 36 marked 1 notch on S. and 5 on N. edges and raised a round of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. It is impracticable
	A cedar 20 ins. diam. bears N. $20^{\circ}35' W.$ 23 lbs. dist. marked T. 3 N. R. 24 E. S. 25 B.T. No other trees within limits
	Found broken mica-schist

East Boundary of T. 3 N. R. 24 E.

Obs. in 3rd state - rocky
Timber scattering cedar & pine
Mountainous on 8000 obs

North lat. obs 25 x 30

Second

- 2.50 Enter bunch 30 ft. high
Second from bunch
- 16.00 Basin Creek 2 lbs. with 2 ins. deep mud.
W. in hollow 75 ft. deep.
- 28.50 Ridge spur 100 ft. high bears W.
In hollow 50 ft. deep drains W. at a sandstone
18 x 12 x 3 ins. 12 ins. in the ground for 1/4 sec. ex.
marked 1/4 on W. face
from which
A cedar 20 ins. diam. bears S. 49° 45' W. 103
fts. dist. marked 1/4 S. 25 B.T.
- A cedar 8 ins. diam. bears S. 55° 30' E. 98 lbs.
dist. marked 1/4 S. 30 B.T.
- 43.00 S.W. point of ridge spur 30 ft. high
W. " " " " "
- 45.00 Hollow 20 ft. deep drains W.
Hollow 20 ft. deep drains W.
- 53.00 " " " " "
66.00 " " " " "
68.00 Ridge spur 25 ft. high bears W.
Hollow 50 ft. deep drains S.W.
Ridge spur 150 ft. high bears S.W.
At a sandstone 15 x 9 x 4 ins. 10 ins. in the
ground for ex. to obs. 19. 24. 25 x 30, marked
2 notches in S. and 4 on N. edges and raised
a second of stone 2 ft. base 1 1/2 ft. high W. of cor.
It's impracticable.
- A cedar 10 ins. diam. bears S. 52° 30' E. 79 lbs.
dist. marked S. 3 N. R. 25 E. S. 30 B.T.
- A cedar 10 ins. diam. bears N. 48° 50' W. 69 lbs.
dist. marked S. 3 N. R. 24 E. S. 24 B.T.
No other trees within limit.

East Boundary T. 3 N. R. 24 E.

chs. Land mountainous and broken
 Soil 3rd rate - rocky
 Timber - Cedar & piñon on 80.00 chs
 Mountainous on 8000 chs

North bet. secs. 19 & 24

5.00 Gully 10 ft. deep drains S.E.
 13.00 " " " "
 14.00 " " " "
 17.50 Ascend precipitous S. slope of reef
 24.50 Top of reef 200 ft. high bears E. & W.
 Gradual descent W. - cedar become scattering
 40.00 Set a sandstone 18 x 10 x 6 ins. 12 ins. in the
 mud for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high
 W. of cor.
 Bits impracticable
 45.00 Grassy hollow 40 ft. deep drains W.
 50.00 Ridge spur 50 ft. high bears W.
 54.50 Hollow 30 ft. deep drains S.W.
 75.00 " 20 " " "
 77.50 same " " " S.E.
 78.50 " " " " S.W.
 80.00 Set a sandstone 15 x 7 x 4 ins. 10 ins. in the ground
 cor. to secs. 13, 18, 19 & 24 marked 3 mounds
 on S. & W. edges and raised a mound of stone
 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Bits impracticable
 Land broken reef and rolling plateau
 Soil 4th and 2nd rate
 Timber cedar & piñon on S. 24.50 chs.
 Mountainous on 8000 chs.

North bet. secs. 13 & 18

C. 15

East Boundary of T. 3 N. R. 24 E.

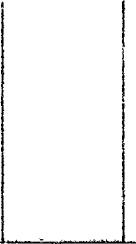
- 5.00 Hollow 30 ft. deep drains S.E.
27.50 " " " " S.W.
38.00 Ridge spur 50 ft. high bears S.W.
39.00 Hollow 30 ft. deep drains S.W.
40.00 Set a sandstone 15x9x5 ins. 10 ins. in the
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
which
A cedar 4 ins. diam. bears N. $79^{\circ} 40' E.$ 26 chs.
dist. marked $\frac{1}{4}$ S. 18 B. T.
A dead cedar 6 ins. diam. bears N. $44^{\circ} 45' W.$ 27
dist. marked $\frac{1}{4}$ S. 13 B. T.
47.00 Conglomerate cliff 15 ft. high bears E. & W.
50.8 N.W. point of ridge spur 200 ft. high.
- 61.4 Intersect Utah-Wyoming Bdy. line N. $89^{\circ} 43'$
31.50 chs. from mile cor. No 267 which is a pine
post 6 ins square 7 ft. long marked and is
as described by the Surveyor General and N. $89^{\circ} 43' E$
47.90 chs. from mile cor. No 268 which is a cedar
6 ins square 7 ft. long marked & witnessed as
described by the Surveyor General. At point of
intersection I set a sandstone 12x10x7 ins. 8 ins. in
a ground for closing cor. to sec. 13 & 18 marked C.C.
and 4 grooves on S. and 6 grooves on E. & W. faces
and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft.
in S. of cor. - Its impracticable
to haul rolling brush & mountains
Soil 2nd and 4th rate - rocky
Timber scattering pines & cedar
Mountainous on 61.45 chs
- October 11th 1898.

General Description
For more description of this line see end of
subdivision field notes of this Twp.

Adolphe Jessen
U. S. Dep. Surveyor.

Boundaries of T. 3 N. R. 24 E.
Latitude, Departure and closing error.

Line designated	True bearing	Distance ch.	Latitude		Departure	
			W ch.	E ch.	N ch.	S ch.
S. Bdy	East	478.02			478.02	
E. Bdy	North	301.45	301.45			
	($90^{\circ}43' W.$)	47.90				
	$9.89^{\circ}47' W.$	78.40				
	$W.89^{\circ}02' W.$	79.49				
Wyoming Bdy line	$W.88^{\circ}13' W.$	79.60	306			477.81
	$W.89^{\circ}36' W.$	79.45				
	$9.89^{\circ}36' W.$	78.75				
	$9.89^{\circ}38' W.$	34.25				
West Bdy.	South	304.60		304.60		
Convergence	West	.				50
		Totals	304.51	304.60	478.02	478.31
				304.51		478.02
		Error in Latitude			-9	
		Error in Departure			-29	



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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphus Jessen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of W. N. and part of E. Bay. T. 1 N. R. 24 E. - W. Bay T. 1 N. R. 25 E. - W. N. and part of E. Bay. T. 2 N. R. 24 E. - W. Bay T. 2 N. R. 25 E. - W. & E. Bay T. 3 N. R. 24 E. showing the respective capacities in which they acted:

John Thibunean, Chainman.
Charles Potter, Chainman.
Hugh Hughart, Moundman.
Hugh Hughart, Axman.
J. S. Morgan, Axman.
Frank J. Briggs, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

Adolphus Jessen, United States Deputy Surveyor, in surveying all those parts or portions of the W. N. and part of E. Bay. T. 1 N. R. 24 E. - W. Bay. T. 1 N. R. 25 E. - W. N. and part of E. Bay. T. 2 N. R. 24 E. - W. Bay T. 2 N. R. 25 E. - W. and E. Bay. T. 3 N. R. 24 E. of the alt Lake meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor general for Utah.

John Thibunean, Chainman.
Charles Potter, Chainman.
Hugh Hughart, Moundman.
Hugh Hughart, Axman.
J. S. Morgan, Axman.
Frank J. Briggs, Flagman.

Subscribed and sworn to before me this 11th day of October, 1898 }



Adolphus Jessen
E. F. M. Lawyer

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphus Jensen, United States Deputy Surveyor,
solemnly swear that, in pursuance of a contract received from Jacob B. Blad,
United States Surveyor General for Utah, bearing date of t
9th day of November, 1897, I have well, faithfully, and truly, in my o
proper person, and in strict conformity with the instructions furnished by the United States Survey
General for Utah, the Manual of Surveying Instructions, and the laws of t
United States, surveyed all those parts or portions of the W. M. and part of the
E. Bdy of T. 1 N. R. 24 E. - the W. Bdy of T. 1 N. R. 25
the W. M. and part of the E. Bdy T. 2 N. R. 24 E.
the N. Bdy T. 2 N. R. 25 E. the W. and E.
of T. 3 N. R. 24 E. of the Salt Lake
Plain and meridian, in the State of Utah, which are represented in t
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn
swear that all the corners of said survey have been established and perpetuated in strict accordance wi
the Manual of Surveying Instructions, and the special written instructions of the United States Survey
General for Utah and in the specific manner described in the field notes, and th
the foregoing are the original field notes of such survey; and should any fraud be detected, I will suf
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphus Jensen
United States Deputy Surveyor

Subscribed by said Adolphus Jensen, and sworn to before me }
this 9th day of December, 1897 }

████████
O SEAL O
████████

Jacob B. Blad
United States Surveyor

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 10th, 1898.
The foregoing field notes of the survey of The East & West Boundary
of Township 3 North Range 24 East of the Salt
Lake Base Meridian, Utah

executed by Adolphus Jensen
under his contract No. 218, dated November 9th, 1897, having b
critically examined, and the necessary corrections and explanations made, the said field notes, and
surveys they describe, are hereby approved.

Jacob B. Blad
United States Surveyor Gene

I certify that the foregoing transcript of the field notes of the above-described surveys in
....., has been correctly copied from the original notes on file in this office.

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BOOK A-254

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision of**Township 3 North**Range 24 East*

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,Under his Contract No. 218, dated November 9th, 1897Survey commenced October 12th, 1898Survey completed October 18th, 1898

6-161

*Survey (Total) 14.76.957 ✓
 " " 21.71.401 ✓
 Dimension 2.08.35 ✓*

NAMES AND DUTIES OF ASSISTANTS.

John Fluhman }
Charles Potter } chairman

Hugh Hughart Mondeanum

Hugh Hughart }
D. J. Morgan } Asst. mbr.

Frank J. Briggs - Flagman

The preliminary official list for "A"

BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We,

do solemnly swear that we will well and faithfully execute the duties of Assistant, that we will search & chain over even and uneven ground, and plumb & level perfectly, and by due & exact surveying the same, we will report the true distances to all roads, paths, and other boundaries, and off from them we will measure, to the best of our skill and ability, and to our Master's satisfaction, the distance for further surveying.

and

..... Chas. ...

..... C. ...

Subscribed and sworn to before me this

day of

1800

*John C. ...
C. ...
John C. ...*

We,

do solemnly swear that we will well and faithfully perform the duties of Assistant, and make a correct sketch of every object, which we shall meet with, and report the same to our Master, the best of our skill and ability, in due season.

and

..... Chas. ...

..... C. ...

Subscribed and sworn to before me this

day of

1800

*John C. ...
C. ...
John C. ...*

We,

do solemnly swear that we will well and faithfully perform the duties of Assistant, and make a correct sketch of every object, which we shall meet with, and report the same to our Master, the best of our skill and ability, in due season.

and

..... Chas. ...

..... C. ...

Subscribed and sworn to before me this

day of

1800

*John C. ...
C. ...
John C. ...*

I,, do solemnly swear that I will well and faithfully perform the duties of Surveyor, according to the instructions given to me, to the best of my skill and ability, in surveying.

and

..... Chas. ...

Subscribed and sworn to before me this

day of

1800

*John C. ...
C. ...
John C. ...*

6-11

Subdivision of T. 3 N. R. 24 E.

obs.

Survey commenced October 12th 1898 and executed with the instrument described in Book "A".

At the cor. to secs. 1, 2, 35 & 36 on the S. Boundary of T. 3 N. R. 24 E. bearing described as that.
 40° 56' N. Long. 109° 10' W. I observe Polaris in accordance with the instructions of the Manual and mark the direction thus determined by a tack driven into a peg firmly set 5 chs. N. of cor.

Astron. L. m. t. of obs. October 12th 98 = 9 h. 02 m.
 H. C. Polaris Oct. 12th 1898 = 12 h. 37.7 m.
 Reduced to Oct. 12th 11 days. 43.7°

H. C. Polaris October 12th 98 = 11 h. 54.5'
 True angle of Polaris = 21 h. 07.5'
 subtract from 23 h. 56.1'
 True argument = 2 h. 48.6'
 Azimuth of Polaris 1° 06' East

October 12th 1898

October 13th 1898 - At 7 h. a.m. L. m. t. I lay off the azimuth of Polaris to the west and mark the true Meridian thus determined by a tack driven into a peg firmly set in the ground west of the point established last night. The magnetic bearing of the true Meridian thus determined is N. 16° 03' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16° East

True S. m. t.

N. 0° 01' W. lat sec. 35 & 36

- | | |
|-------|--|
| 28.00 | Ridge 100 ft. high bears N.E. & S.W. - Descend into Clay Basin |
| 36.00 | Hollow 50 ft. deep drains N.E. |
| 40.00 | Set a quartzite 18 x 15 x 3 in. 12 in. in the ground for 1/4 sec. cor. marked 1/4 on W. face |

Subdivision of T. 3 N. R. 24 E.

obs. from which

A dead cedar 10 in. diam. bears N. 89° 45' E. 37
dist. marked $\frac{1}{4}$ S. 36 B.T.

A dead cedar 10 in. diam. bears N. 25° 50' W. 27 lbs.
dist. marked $\frac{1}{4}$ S. 35 B.T.

45.00 Hollow 50 ft. deep drains N.W.

51.50 Ridge open 100 ft. high bears N.W.

77.00 Few dense cedars

- 80.00 On ridge open 50 ft. high bears N.W. at a quantity
15 x 7 x 6 ins. 10 ins. in the ground for cor. to secos.
25. 26. 35 & 36 marked 1 switch on S. & E. edges
and raised a mound of stones 2 ft. high $\frac{1}{2}$ ft.
high N. of cor.

Fits impracticable

A cedar 8 ins. diam. bears N. 75° 30' E. 23 lbs.
dist. marked T. 3 N. R. 24 E. S. 25 B.T.

A cedar 5 ins. diam. bears S. 62° 10' E. 17 lbs. dist
marked T. 3 N. R. 24 E. S. 36 B.T.

No other trees within limits

Land broken mountainous

Soil 3rd rate - rocky

Scattered cedars on S. 77.00 obs.

Mountainous on 80.00 obs

East on a random line
Lat. sec. 25 & 36

40.00 Set temp $\frac{1}{4}$ sec. cor.

80.12 Intersect E. Bdy of Tp. at cor to sec. 25.30
31 & 36 heretofore described
thence 2 rods

West on a true line
Lat. sec. 25 & 36

12.50 Few scattering cedars

20.00 Spring Branch 2 lbs. with 2 ins. deep runs N.W.
in hollow 25 ft. deep

Subdivision of T. 3 N. R. 24 E.

ch.

- 37.00 Hollow 30 ft. deep drains W.W.
 40.00 Set a quartzite 15x12x3 ins. 10 ins. in the
 nd for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and
 aised a mound of stone 2 ft. base $\frac{1}{4}$ ft. high W. of
 cor. - Pits impracticable
 45.50 Road bears W.W. & S.E.
 52.50 Hollow 30 ft. deep drains W.W.
 62.00 Ridge spur 25 ft. high bears W.W.
 72.00 Road bears W.W. & S.E. in hollow 30 ft. deep
 W.W.
 - 80.12 Th cor. to secs. 25. 26. 35 & 36
 Land broken N. slope of mountains
 Soil 2nd rate
 Timber some scattering cedars
 Mountainous on 80. 12 chs

N. 0°01' W. Sect. secs. 25 & 26

Second broken N. slopes

- 7.50 Steep descent
 9.00 Enter Basin Creek flat
 16.00 Road. bears W.W. & S.E.
 18.50 Basin Creek 3 hrs. wide 2 ins. deep runs W.W.
 23.50 Bear flat, ascend.
 25.00 Enter broken bunch
 40.00 Set a sandstone 15x12x3 ins. 10 ins. in the
 nd for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side and
 aised a mound of stone 2 ft. base $\frac{1}{4}$ ft. high
 W. of cor. - Pits impracticable
 45.00 Enter scattering cedars
 48.00 Gulch 100 ft. deep drains W.
 50.00 Set a limestone 15x8x5 ins. 10 ins. in the ground
 or in. to secs 23. 24. 25 & 26 marked 2 notches
 1. and 1 on E. edges and raised a mound
 - stone 2 ft. base $\frac{1}{4}$ ft. high W. of cor.
 Pits impracticable

Subdivision of T. 3 N. R. 24 E.

obs.	Land broken bunch Soil 2 nd and 3 rd rate Timber some scattering cedar
	East on a random line lot. secs. 24 & 25
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	Intersect E. Bdy of Tp. at cor. to secs 19, 24, 25. + 30 feet from described Thickness 3 mm
	West on a true line lot. secs. 24 & 25
10.00	Head of deep hollow drains S.
20.00	Top of cliff 100 ft. high bears N.E. & S.W.
30.00	Second
40.04	Set a sandstone 20 + 12 + 5 ins. 15 ms. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face from which A cedar 12 ins. diam. bears N. 50° 45' E. 15 ms. dist. marked $\frac{1}{4}$ S. 24 B.T.
	A cedar 10 ins. diam. bears S. 31° 30' W. 30 ms. dist. marked $\frac{1}{4}$ S. 25 B.T.
65.00	Butch 100 ft deep drains S.
68.00	Heavy cedars, entire rolling bunch
80.08	The cor. to secs. 23, 24, 25 & 26 Land broken mountainous and rolling bunch Soil 4 th & 1 st rate Timber cedars on E. 68.00 obs. Mountainous on E. 68.00 obs

N. 0°01' W. lot. secs. 23 & 24

16.65 Heavy bunch - around

Subdivision of T. 3 N. R. 24 E.

chrs.	
28.00	Ridge spur 200 ft. high bears S.E. Divided among cedars
40.00	Set a sandstone 18 x 10 x 3 in. 12 in. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face from which A cedar 18 in. diam. bears N. 88° 30' W. 36 lbs. dist. marked $\frac{1}{4}$ T. 23 B. T.
	A cedar 18 in. diam. bears S. 12° 30' E. 95 lbs. dist. marked $\frac{1}{4}$ T. 24 B. T.
45.00	Cañon 100 ft. deep drains S.E.
70.00	" " " " S.W.
80.00	Set a sandstone 15 x 12 x 6 in. 10 in. in the ground for cor to secos. 13, 14, 23 & 24 marked 3 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor. Pits impracticable
64° 6.0°	A pine 10 in. diam. bears S. 69° 30' W. 70 lbs. dist. marked T. 3 N. R. 24 E. T. 23 B. T.
	A dead cedar 12 in. diam. bears N. 34° 30' W. 95 lbs. dist. marked T. 3 N. R. 24 E. T. 24 B. T.
	No other trees within limits
	Land rolling brush and broken mountainous
	Soil 1 $\frac{1}{2}$ and 4 to 6 feet rocky
	Timber Cedars on N. 54.00 chs.
	Mamutianus on N. 64.00 chs

East on a sandstone line
lat. secos. 13 & 24

40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersection E. Bdy. of Tps. at cor. to secos. 13, 18, 19 & 24 horizon described
	Thickness 2 mm
	West on a tree line lat. secos. 13 & 24

Subdivision of T. 3 N. R. 24 E.

chr.

- 22.00 Gulch 50 ft. deep drains S.
- 28.00 " " " " E.
- 39. Ridge 100 ft. high bears N. & S.
- 40.08 Set a sandstone 18x7x5 ins. 12 ins. in the
for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on N. face
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high
N. of cor. — Pits impracticable
A. groove 8 ins. diam. bears N. $50^{\circ}W.$ 80 lbs.
dist. marked $\frac{1}{4}$ S. 13 B. F.
- No other trees within limit
- 56. Ravine 100 ft. deep drains S. W.
- 80.1 The cor. to secs 13, 14, 23 & 24
Land broken mountains
Soil 4th rate - rocky
Timber scattering cedars
Mountainous on 80,750 chs

N. $0^{\circ}01'W.$ bet secs. 13 & 14

Ascent

- 3.00 Gully 15 ft. deep drains S. W.
- 25.00 Tip of steep broken slope bears S. W. & N.E.
- 29.00 Ridge 50 ft high bears N. & S. W. — Descent.
- 40.00 Set a sandstone 12x8x6 ins. 8 ins. in the
(for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and
used a stone mound 2 ft. base $1\frac{1}{2}$ ft. high W.
of cor. Pits impracticable
A dead pine 14 ins. diam bears N. $38^{\circ}15'W.$ 27 lbs.
it marked $\frac{1}{4}$ S. 14 B. F.
- No other trees within limits
- 45.00 Wash 15 lbs. will 3 ft. deep drains S. W.
- 57.07 Enter dense cedars
- 61.0 Interest Utah-Wyoming Bdy. line S. $89^{\circ}47'W.$
32.10 chs. from mile cor. No 268 heretofore discontinued
At point of intersection I set a sandstone 12x8x6.
ins. 8 ins. in the ground for closing cor. to secs.
13 & 14 marked C. C. and 4 grooves on S. and

Subdivision of T. 3 N. R. 24 E.

obs	<p>1 green on E. face from which</p> <p>A cedar 10 ins. diam. bears S. 48° 30' W. 10 lbs. dist. marked T. 3 N. R. 24 E. S. 14 C. C. B. T.</p> <p>A cedar 14 ins. diam. bears S. 17° E. 12 lbs. dist. marked T. 3 N. R. 24 E. S. 13 C. C. B. T.</p> <p>Found broken mountainous Soil 3rd rate - rocky Fischer dense cedars on elev. 4,150 the scattering on balance</p> <p>Worm-eaten on 61.05 obs</p>
	<p>October 13th 1898</p>

From the cor to sec 2.3. 34 & 35 on L. R. B.
of sp. histosol described 1 mm.

N. 0° 02' W. lat. sec 34 & 35

1.25	Residual from plateau
5.50	Hollow 20 ft. deep drains S.E.
15.00	Ridge spur 20 ft. high bears S.E.
21.50	Hollow 20 ft. deep drains S.E.
31.50	Ridge 800 ft. high bears N.W. & S.E. - Steep descent into Clay Basin
34.00	Cliff 15 ft. high bears N.W. & S.E.
40.00	On N.E. slopes of mountain. Set a quartzite 12 x 10 x 5 ins. 8 ins. in the ground for 1/4 sec. cor., marked 1/4 in W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impractical.
80.00	At foot of mountain bears N.E. & S.W. Set a quartzite 12 x 10 x 5 ins 8 ins. in the ground for cor to sec. 26. 27. 34 & 35 marked 1 notch on S. and 2 notches on E. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impractical

Land mountain slopes

X
Subdivision of T. 3 N. R. 24 E.

shs. Soil 3rd rate - rocky
No timber
Mountainous on 8000 ft

East on a random line
lot. sec 26 & 35

4000 Soil temp. $\frac{1}{4}$ sec. cor.
8000 Interest N. & S. line at cor. to sec. 25. 26
35 & 36
Then 1 mm

West on a true line
lot. sec 26 & 35

7.00 Hollow 75 ft. deep drains W.W.
18.00 Ridge spur 150 ft. high bears W.W.
19.50 Hollow 20 ft. deep drains W.W.
24.00 Ridge 150 ft. high bears W.W.
29.00 Wash 3 hrs. wide 3 ft. deep drains W.W. - Enter
hollow.
40.00 Soil a quartzite $12 \times 8 \times 6$ ins. 8 ins. in the ground
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raises
a mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high N. of a
Pits impractical
50. Wash 5 hrs. wide 3 ft. deep bears W.W.
56.00 Bear hollow - Ascent.
65.00 Ridge spur 150 ft. high bears N.
78.00 Wash 3 hrs. wide 1 ft. deep drains W.W.
- 80.00 The cor. to secs. 26. 27. 34 & 35
Hard broken rock
Soil 2nd rate
Timber a few scattering cedars
Mountainous on 8000 ft

N. 0° 02' W. lot. sec 26 & 27

Subdivision of T. 3 N. R. 24 E.

chrs.

- 6.50 Wash 3 lbs. wide 13 in deep drains NW.
 4.00 Set a limestone 12 x 10 x 5 ins. 8 ins. in the ground
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a
 mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 Fits impracticable
 43.00 Second
 45.00 Enter Basin Creek feet bears NW. & SE.
 44.00 Dry bed of Basin Creek 7 lbs. wide 5 ft. deep
 drains NW.
 51.00Leave feet. - Ascend Road NW & SE.
 53.50 Enter rolling bench
 57.00 Hollow 25 ft. deep drains SW.
 80.00 Set a sandstone 14 x 12 x 12 ins. 10 ins. in the
 and for cor. to sec. 22, 23, 26 & 27. marked
 "matches on S. & E. edges and raised a mound
 of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 Fits impracticable
 Land rolling bench
 Govt 2nd rate
 No timber

East on a random line
 bet secs. 23 & 26.

- 4.000 Set temp. $\frac{1}{4}$ sec cor.
 79.92 Intersect N. & S. line at cor. to secs. 23, 24
 25 & 26
 Thinner 3 min

West on a true line
 bet. secs. 23 & 26

- 39.96 Set a sandstone 15 x 10 x 5 ins. 10 ins. in the
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raise
 a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
 Fits impracticable
 67.50 Wash 50 lbs. wide 6 ft. deep drains SW. in

Subdivision of T. 3 N. R. 24 E.

Shs bottom of hollow 50 ft deep
 79.92 The cor. to sec. 22. 23. 26 & 27
 Land rolling bench
 Soil 1st and 2nd rates
 No timber.

N. 0.02' W. lat. sec. 22 & 23

1000 Balch 50 ft. deep drains S. W.
 28.00 Ridge open 75 ft. high bears S.E.
 40.00 Set a sandstone 13 x 11 x 4 ins. 9 ins. in the
 ground for 1/4 sec. Cor. marked 1/4 on W. face and
 a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits
 49.00 Wash 10 lbs. wide 6 ft deep drains S.E.
 80.00 Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground
 for cor to sec 14. 15. 22 & 23. marked 3 notches on S.
 and 2 on E. edges and raised a mound of stone
 2 ft. base 1 1/2 ft. high W. of cor.
 Pits impracticable
 A cedar 12 ins. diam. bear. N. 41° 30' W. 110 lbs. dist.
 marked T. 3 N. R. 24 E. S. 15 B.T.
 A cedar 8 ins. diam. bear. S. 58° W. 155 lbs. dist
 marked T. 3 N. R. 24 E. S. 22 B.T.
 No other trees within limits
 Land rolling bench
 Soil 2nd rate
 No timber

East on a random line
 bet. sec 14 & 23

40.00 Set temp. 1/4 ac. cor.
 80.14 Interest N. & S. line 18 lbs. N. of cor. to sec.
 13. 14. 23 & 24.
 Thinner & more

Subdivision of T. 3 N. R. 24 E.

chrs.	N. 89° 52' W. on a true line bet. secs. 14 & 23.
2.50	Ravine 50 ft. deep drains S. - Second.
37.00	Ridge 500 ft. high bears N.E. & S.E.
40.07	Set a sandstone 18 x 11 x 5 in. 12 in. in the ground for 1/4 acre cor. marked 1/4 on N. face and found a mound of stone 2 ft. high 1 1/2 ft. high N. of cor. It's impracticable
51.00	Second precipitation ledges
69.00	Entire bunch
80.14	1/4 acr. to secs. 14, 15, 22 & 23
69.00	Good broken ledges and bunch
11.14	Soil 4 th and 1 st rate Timber scattering cedars Marmatium on E. 69.00 chrs
	N. 0° 02' W. bet. secs 14 & 15
1.25	Wash 50 ft. wide 5 ft. deep drains S.W.
8.75	" " " " " " " W.
11.00	Second precipitation ledges of Clay Basin Ranch
28.50	Cuff 100 ft. high bears N.E. & S.W. enter cedars
40.00	On steep sandstone ledges facing W. On a sandstone 3 x 2 x 1 ft. above ground I cut a cross(t) at the exact cor. point for 1/4 acr. cor. marked 1/4 on W. face, from which
	A cedar 5 in. diam. bears S. 48° 30' E. 20 ft. dist. marked 1/4 S. 14 B.T.
	A pinon 8 in. diam. bears W. 21° N. 22 ft. dist. marked 1/4 S. 15 B.T.
51.00	Top of cut 800 ft. high bears N.W. & S.E.
60.75	Intersection Utah-Wyoming Bdy line N. 89° 02' W. 33.35 chs from mile cor. No. 269 huntington described. At point of intersection at a sandstone 18 x 12 x 3 in.
11.00	

Subdivision of T. 3 N. R. 24 E.

obs. 12 am. on the ground for closing cor. to sec. 14 & 15 marked C.C. and 4 groups on S. and 2 groups on E. face and raised a mound of stone 2 ft. base 1/3 ft. high S. of cor.
Plot impracticable
A meadowy bisonian basin S. 20° E. 87 1/2 m. dist.
marked T. 3 N. R. 24 E. S. 14 C.C. B.C.T.
etc other trees within limits
and broken mountain and brush
Soil 4th and 2nd order - rocky
Timber cedar on st. 32. 25 obs
Birch tamarack on 49. 75 obs

October 14th 1898.

At the cor. to secs 3, 4, 33 & 34 m. S. of R. Ridge of sp. forested described in lat 40° 56' N. Long 109° 12' W. I observe Polaris in accordance with the instruction of the Manual and mark the deviation thus determined by a tick driven into a flag formerly set 5 obs. S. of cor.

Altitude on t. of obs October 14th 1898 = 7 h. 42 min.
H. C. Polaris Oct 14 1898 = 12 h. 37 min.
Reduced to October 14th 13 days 51'

H. C. Polaris Oct. 14 th 1898	<u>11 + 46.6 +</u>
Hour angle of Polaris	19 h. 55.4 min.
subtracted from	<u>23 " 56'</u>
Time agreement	4 h. 00.7 min.
Azimuth of Polaris	1° 26' East

October 14th 1898.

October 15th 1898. At 7 a.m. S. m. t. I lay off the azimuth of Polaris to the west and mark the tree bisonian thus determined by a tick driven into a flag formerly set in the ground 5 obs. S. of cor. and west of the point established last night. The magnetic bearing of the said tree bisonian is

Subdivision of T. 3 N. R. 24 E.

cts N. $16^{\circ}03'$ W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16° East.

Thence I run

N. $0^{\circ}02'$ W. but sec 33 & 34

- 16.00 Recced from plateau
 25.00 Gulch 100 ft. deep drains N.E.
 34.00 Ridge spur 200 ft. high bears N.E.
 40.00 Set a limestone 15 x 7 x 7 in. 10 in. in the ground
 & $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face
 from which
 A cedar 8 in. diam. bears N. $41^{\circ}10'$ E. 26 lbs.
 marked $\frac{1}{4}$ I. 34 D.T.
 A cedar 6 in. diam. bears S. $80^{\circ}45'$ W. 37 lbs.
 marked $\frac{1}{4}$ I. 33 D.T.
 42.0 Hollow 25 ft. deep drains N.E.
 43.00 N.E. point of ridge spur
 48.00 Hollow 25 ft. deep drains N.W.
 52.00 Ridge spur 50 ft. high bears N.W.
 56.00 bears marmations and cedars. Enter bench
 72.5 Hollow 15 ft. deep drains N.W.
 80.00 Set a quantity 12 x 10 x 6 in. 8 in. in the ground
 & cor. to sec. 27, 28, 33 & 34 marked 1 notch
 n. I. and 3 on E. edges and raised a mound
 of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Its impracticable
 Found broken marmations and bench
 Soil $3\frac{1}{2}$ & 1 ft. rate
 Timber cedar & pine on T. 56,000 chs.
 Marmations on I. 56,000 chs

East on a random line
 bet. sec. 27 & 34

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. & S. line at cor. to sec. 26, 27, 33 &

Subdivision of T. 3 N. R. 24 E.

cts.

35.

Then west

West on a true line
bed. sec. 27 & 34

34.50	Hollow 15 ft. deep drains W.W.
39.98	Set a quartzite 12 x 10 x 5 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
70.00	Hollow 15 ft. deep drains W.W.
79.96	The cor. to secs. 27. 28. 33 & 34 Land level bench Soil 1 $\frac{1}{2}$ rate No timber

N. 0°02' W. but secs 27 & 28

14.00	Hollow 15 ft. deep drains W.W.
40.00	Set a quartzite 12 x 10 x 8 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high. W. of cor. Pits impracticable
43.50	Wash 5 hrs. wide 4 ft. deep drains W.W.
63.50	Enter Basin Creek flat. 30 ft. deep
71.00	Dry bed of Basin Creek 10 hrs. wide 2 ft. deep drains W.
76.50	Road bears E. & W.
80.00	Set a sandstone 15 x 7 x 6 ins. 10 ins. in the ground for cor. to secs. 21. 22. 27 & 28 marked 2 notches on S. and 3 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
	Land rolling bench
	Soil 1 $\frac{1}{2}$ rate
	No timber

Subdivision of T. 3 A. R. 24 E.

ch.	East on a random line bet. sec. 22 & 27
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.00	Entered N. & S. line at cor. to sec. 22, 23 27 & 26
	Then I ran
	West on a true line bet sec. 22 & 27
7.00	Hollow 50 ft. deep drains S.W.
27.00	Enter broad hollow 50 ft. deep drains S.W.
38.00	Gum hollow ... Enter bunch
40.00	Set a limestone 15 x 8 x 5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable
67.00	Enter broad hollow 50 ft. deep heads N.E.
80.00	The cor. to sec. 21, 22, 27 & 28 Gum broken bunch Soil 1 st rate No timber

N. 0°02' W. bet. sec. 21 & 22

17.00	Hollow 50 ft. deep drains W.
26.00	Gully 25 ft. deep drains W.
31.50	" 50 " " " W.
35.00	Hollow " " " "
40.00	Set a sandstone 14 x 8 x 6 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
46.50	Hollow 50 ft. deep drains .W.
51.00	Wash 100 lbs. wide 4 ft. deep drains W. in hollow 50 ft. deep

Subdivision of T. 3 d. R. 24 E.

Obs.

56.57

Hollow 30 ft deep drains S.W.

76.00

Head of hollow drains S.W.

77.00

Enter higher bunch bears E. & W.

80.00

Set a limestone $16 \frac{1}{2} \times 3$ ins. $11 \frac{1}{2}$ ins. in the ground
for cor. to sec. 15, 16, 21 & 22, marked 3 notches
on S. and E. edges and raised a mound of stone
2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Pits impracticable

Land very broken bunch

Set 2nd rate

No timber

Maintainous on 8,000 shs.

East on a random line

Set sec. 15 & 22

46.00

Set traps $\frac{1}{4}$ sec. cor.

79.92

Intersection N. & S. line 19 lbs. W. of cor. to sec.
14, 15, 22 & 23

Plane 2 mm.

N. $89^{\circ}52'W.$ on a true line

Set sec. 15 & 22

1.00

Wash 10 lbs. wide 7 ft. deep drains S.W.

32.00

Land lower - enter higher bunch

39.96

Set a sandstone $15 \times 8 \times 6$ ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ cor. N. face and
raised a mound of stone 2 ft base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable

79.92

The cor. to sec. 15, 16, 21 & 22

Land rolling bunches

Set 1st rate

No timber

Subdivision of T. 3 N. R. 24 E.

chs

N. 0° 0.2' W. lot acc. 15 & 16

- 10.00 Bear higher - Enter lower bunch
 Wash 15 ft. wide 3 ft. deep drains W.
 20.50 " " " " " "
 21.50 " " " " " "
 24.00 " 50 " 7 " " " S.W.
 40.00 Set a sandstone 16x12 x. 4 ins. 11 ins. in the
 ground for 1/4 sec. cor. marked 1/4 on W. face and
 raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
 Plot impracticable
 A cedar 6 ins. diam. bears N. 30° W. 170 chs. but
 marked 1/4 S. 16 B. T.
 No other trees within limits
 46.00 Bear bunch - arched. Clay Basin Reef
 57.00 Foot of precipitous ledge
 61.50 Top of same
 62.10 Intersect Utah-Wyoming Boundary line N. 88° 13' W.
 33.85 chs. from mile cor. M. 270 Juniper
 described. At point of intersection I set a sand-
 stone 18x9x4 ins 12 ins. in the ground for clearing
 cor. to acc. 15 & 16 marked C. C. and 4 grooves
 on S. and 3 grooves on E. faces. and raised a
 mound of stone 2 ft. base 1 1/2 ft. high S. of cor.
 Plot impracticable
 Hand rolling bunch and precipitous slope
 Soil 1st and 4th date
 Timber a few scattering cedars
 Monotonous on ch. 16.10 chs

October 15th 1898

From the cor. to accs 4. 5. 32 & 33 on S.
 Boundary of Tp. Juniper described I run

N. 0° 03' W. lot accs 32 & 33

Along E. slope of ridge spur

Subdivision of T. 5 N. R. 24 E.

Chs	
8.00	Rising ridge 500 ft. high bears N.W. & S.E. Bent toward Clay Basin
33.15	From mountains - Enter bunch
40.00	Set a quartzite 13x7x7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
47.00	Wash 100 ft. wide 4 ft. deep drains N.W.
79.10	" " " " " "
80.50	Set a quartzite 12x8x7 ins. 8 ins. in the ground for cor. to sec. 28, 29, 32 & 33; marked 1 notch on S. and 4 on E. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
	From mountains and bunch
	Soil 3rd and 1st rate
	Trees scattering cedar op. S. 33.° chs. Mountainous on S. 33.° chs.

East on a random line
but sec. 28, & 33

40.00	Set. traps, 1/4 sec. cor.
80.12	Entered N. & S. line at cor. to sec. 27, 28 33 & 34
	Then 2 sec.
	West on a tree line but sec. 28 & 33
3.00	Hollow 20 ft. deep drains N.W.
5.00	Ridge open 20 ft. high bears N.W.
15.50	Wash 100 ft. wide 1 1/2 ft. deep drains N.W.
35.50	15 " 4 " " " "
40.00	Set a quartzite 15x7x6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.

Subdivision of T. 3 N. R. 24 E.

ch.s. Lots, impracticable
 80.12 The cor. to secos. 28, 29, 32 & 33
 Hand rolling bench
 Soil 2nd rate
 No timber

N. 0°03' W. lat. secos. 28 & 29

Second gradual W. slope of bench
 30.00 Wash 4 ch.s. wide 1 ft. deep drains W.
 35.00 S. side of Knoll 25 ft. high
 40.00 Set a limestone 15 x 9 x 4 ins. 10 ins. in the ground
 for 1/4 acre. cor. - marked 1/4 on W. face and raised
 a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. following
 43.00 Second W. end of Knoll
 46.00 Enter bench
 52.00 Enter Basin Creek flat 30 ft. deep.
 77.88 Dry bed of Basin Creek 10 ch.s. wide 2 ft. deep
 drains W.
 80.00 Set a sandstone 15 x 9 x 5 ins. 10 ins. in the ground
 for cor. to secos 20, 21, 28 & 29 marked 2 notches
 in S. and 4 on E. edges and raised a mound of stone
 2 ft. base 1 1/2 ft. high W. of cor.
 Lots impracticable
 Hand rolling bench and bottom
 Soil 1st rate
 No timber

East on a random line
 lat. secos 21 & 28

40.00 Set temp 1/4 acre. cor.
 79.88 Intersect N. & S. line 14 ch.s. N. of cor. to secos
 21, 22, 27 & 28
 Planned road

Subdivision of T. 3 N. R. 24 E.

th.s.

N. 89° 54' W. on a timeline

bet. secs. 21 & 28

- 0.0 Wash 7 hrs. wide 2 ft. deep. drains S.W.
 34.00 Ridge spur 40 ft. high bears S.W. from brush
 on N. side of Basin Creek Valley
 39.9 Set a sandstone 20 x 15 x 8 ins. 15 ins in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Bits impracticable
 53. Road bears N.W. & S.E.
 59.00 Dry bed of Basin Creek 10 hrs. wide 18 ins. deep drains
 71.00 " " " " " " " " " " " " " " " " " "
 79.88 The cor. to secs. 20, 21, 28 & 29.
 Land mostly level flat
 Soil 1st rate
 No timber

N. 0° 03' W. bet secs 20 & 21

- 3.50 Road bears N.W. & S.E.
 8.00 Bear Basin Creek flat - enter broken brush 50 ft. high
 Hollow 50 ft. deep. drains S.W.
 18.50 Set a limestone 15 x 8 x 7 ins. 10 ins in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Bits impracticable
 74.00 Bear lower - enter higher brush.
 80.00 Set a limestone 15 x 10 x 6 ins. 10 ins. in the ground
 for cor. to secs 16, 17, 20 & 21; marked 3 notches
 on S. and 4 on E. edges and raised a mound of
 stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor.
 Bits impracticable
 Land broken bushes
 Soil 2nd rate
 No timber

Subdivision of T. 3 N. R. 24 E.

Chs.

S. 89° 54' E. on a random line
bet. secos. 16 & 21

40.00

Set. temp $\frac{1}{4}$ sec. cor.

80.00

Intersect N. & S. line 15 lbs. S. of cor. to secos.
15, 16, 21 & 22

Shovel & maul

West on a true line
bet. secos. 16 & 21

40.00

Set a limestone 12 x 9 x 5 ins. 8 ins. in the ground
for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and raised
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
The cor. to secos 16, 17, 20 & 21

80.00

Hand high line bunch

Foil 1 $\frac{1}{2}$ rate

No timber

N. 0° 03' W. bet. secos 16 & 17

22.50

Described

25.50

Enter lower bunch

35.45

Wash 50 lbs. wide 8 ft deep drains W.

40.00

Set a limestone 12 x 10 x 8 ins. 8 ins. in the ground
for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and raised
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impractical

64.60

Intersect Idaho-Wyoming Bdy. line N. 89° 36'
W. 34. 25 chs from mile cor. chs 271 broken
described. At point of intersection set a
sandstone 16 x 10 x 5 ins. 11 ins. in the ground for
closing cor. to secos 16 & 17 marked C.C. and 4
grooves on S. and 4 grooves on E. faces and raised
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of
cor. Pits impractical

Hand broken bunches

Subdivision of T. 3 N. R. 24 E.

chrs. Soil 1st and 2nd rate
do timber

October 16th 1898

From the established cor to secs 5. 6. 31 & 32
on the S. edge of Sp. horizon described I run

N. 0° 04' W. bet. sec 31 & 32

- 6.50 Red Creek 7 chrs. wide 4 ins. deep runs S.E. in
Cañon 200 ft. deep
8.00 from Cañon - Second step S.W. slope
25.00 Ridge spur 200 ft high bears W.
32.00 Gulch 50 ft. deep drains W.
38.50 Ridge spur 150 ft high bears W.
40.00 Set a quartzite 15x7x5 ins. 10 ins. in the
1/4 sec. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft high W. of cor.
Pits impracticable
45.00 Hollow 15 ft. deep drains N.W.
48. Ridge spur 25 ft. high bears N.W.
51.50 Enter Red Creek Valley bears N. drains S.W.
72.00 Red Creek 7 hrs. wide 4 ins. deep drains S.W.
8000 Set a quartzite 15x12x4 ins. 10 ins in the
cor. to sec. 29. 30. 31 & 32 marked notch
~~450~~
~~500~~
~~550~~
on S. and 5 on E. edges and raised a mound
stone 2 ft base 1 1/2 ft high W. of cor.
Pits impracticable

A location called the Hercules Mill site with a
small spring on it (no improvements) bears
36° 30' W. 13.50 chrs. dist.

Rand broken mountains and Valley

Soil 4th and 1st rate

Timber scattering cedar & piñon
Mountainous on S. 37.50 chrs

Subdivision of T. 3 N. R. 24 E.

chks.	<p><i>East on a random line bet. secs 29 & 32</i></p> <p>40.00 Set temp $\frac{1}{4}$ sec. cor. Interest N. & S. line at cor. to secs. 28, 29, 32 & 33 Then I run</p> <p><i>West on a true line bet. secs 29 & 32</i></p> <p>0.95 Wash 5 lbs. wide 5 ft. deep drains W.W. Descend towards Red Creek Gully 10 ft. deep drains W.W. 40.00 Set a quartzite 12, 8 & 6 in., 8 in. in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base 1$\frac{1}{2}$ ft. high N. of cor Sets impracticable 70.50 Red Creek 10 lbs. wide 12 in. deep drains S.W. in Red Creek bottom 30 ft. deep 80.00 To cor. to secs 29, 30, 31 & 32 Land broken bunch and bottom Soil 1st rate dr timber</p>
	<p><i>West on a random line bet. secs 30 & 31</i></p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor. Interest N. Bdy. of Sq. 22 lbs. N. of cor. to secs. 25, 30, 31 & 36 boulders described Then I run</p> <p><i>N. $89^{\circ}51'$ E. on a true line bet. secs 30 & 31</i></p> <p>Descend N. slope of Sulphur Mountain Bulch 75 ft. deep drains S.E. Ridge over 200 ft. high bears S.E.</p>
7.50 14.80	

Subdivision of T. 3 N. R. 24 E.

Obs.

- 38.0 Set a quartzite 18 x 10 x 6 ins 12 ins. in the
md for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and
raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft high W. of
cor. Its impracticable
- 56.0 Gulch 50 ft. deep drains S.E.
63.0 Ridge spur 100 ft. high bears S.E.
70.00 Enter Red Creek bottom
72. Road to Rock Springs bears N. & S.
78.08 The cor. to secs 29, 30, 31 & 32
Hand broken mountains and bottom
Soil 3rd rate
Timber some scattering cedar
Mesotamious on W. 7000 ft
- 78.08*

N. 0° 04' W. but secs 29 & 30

- 27.00 Road to Rock Spring bears N.E. & S.W.
33.00 E. point of bench 25 ft. high
40.00 Bear bottom - enter bench bears N.E. & S.W.
a quartzite 16 x 8 x 4 ins. 11 ins in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised
a mound of stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor.
Its impracticable
- 58.00 Ridge spur 50 ft. high bears E.
80.00 Set a limestone 15 x 12 x 3 ins. 10 ins in the
ground for cor. to secs. 19, 20, 29 & 30, marked
2 notches on S. and 5 on E. edges and raised
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Its impracticable
Hand bottom and bench
Soil 1st rate
No timber

Subdivision of T. 2 N. R. 24 E.

obs.

East on a random line
sec. 20 & 29

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
50.00 Intersect W. & S. line at cor. to secs. 20, 21, 28
& 29
Then a few feet
West on a true line
sec. 20 & 29
- See Basin Creek bottom gradually merging into
Red Creek bottom
- 40.50 Set a sandstone 15 x 12 x .5 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and
raised a mound of stone 2 ft. high N. of cor.
Its impractical
- 40.50 Red Creek 50 lbs. with 3 in. deep mass I.
Road to Rock Springs bears N. & S.
Road to Harrison bears W. & E.
Harrison bottom. Enter branch 50 ft. high bears
W. & S.
- 50.00 The cor. to secs. 19, 20, 29 & 30
hard red bottom and branch
Soil 1st. rate
No timber

$89^{\circ}51' W.$ on a random line
sec. secs. 19 & 30

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
78.12 Intersect W. Body of Twp. 9 lbs. N. of cor. to
secs. 19, 24, 25 & 30 benton described
Then a few feet

$89^{\circ}47' E.$ on a true line
sec. secs 19 & 30

Subdivision of T. 3 N. R. 24 E.

170. Found gradually on cedars
38.12 Set a limestone 12x8x8 ins 8 ins in the
ground for 1/4 ac. or marked 1/4 on W. face
from which
A cedar 12 ins. diam. bears N. 66° E. 55 lbs.
dist. marked 1/4 S. 19 B.T.
A cedar 10 ins. diam. bears S. 43° W. 145 lbs.
dist. marked 1/4 S. 30 B.T.
44.00 Hollow 20 ft. deep drains S.E.
48.00 Pear cedars
78.12 The cor. to secs 19. 20. 29 & 30
Hand high broken bunch
Set 3rd rate - rocky
Timber cedar on W. 48.00 lbs.
Mountainous on 78.12 obs

October 17th 1898

No. 4111 lot secs. 19 & 20

- 7.00 Pear bunch - Enter hollow 50 ft. deep drains
S.E.
11.00 Road to Pear bunch S.E. 48.00.
15.00 Wash 20 ft. wide 10 ft. deep drains S.E.
21.50 Pear hollow - Enter high bunch
Set a limestone 12x8x7 ins 8 ins in the
ground for 1/4 ac. cor. marked 1/4 on W. face and
placed a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
This impracticable
44.00 Pear higher bunch, enter lower bunch
60.00 Belly 15 ft. deep drains S.E. a spring in
among bears S. 38° E. 20.00 obs. dist
80.00 Set a sandstone 16x10x5 ins 11 ins in the ground
for cor to secs 17. 18. 19 & 20 marked 3 notches on
3 and 5 on E. edges and raised a mound of
stone 2 ft. base 1 1/2 ft. high W. of cor.
Set impracticable
Hand high broken bunches

Subdivision of T. 3 N. R. 24 E.

obs.	<p>Soil 3rd and 2nd rate Timber a few cedars Minutaneous on \$ 43.00 obs</p> <p><i>East on a random line bet. secs. 17 & 20</i></p> <p>40.00 Set traps $\frac{1}{4}$ sec. cor. 80.00 Intersect N. & S. line at cor. to secs 16, 17 20 & 21 Timed 2 min <i>West on a true line bet. secs. 17 & 20</i></p> <p>37.50 Year bunch - Enter bottom 40.00 Set a sandstone 12 x 9 x 9 ins. 8 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable 44.00 Red Creek 20 lbs. with 3 ins. deep drifts I Year bottom enter bunch 25 ft. high 63.50 Road to Rock Springs bears N. & S. 80.00 The cor. to secs 17, 18, 19 & 20 Hard rolling bunch and bottom Soil 1st rate No timber</p> <p><i>\$ 89.44 W. on a random line bet. secs. 18 & 19</i></p> <p>40.00 Set traps $\frac{1}{4}$ sec. cor. 78.20 Intersect W. edge of Twp. 30 lbs. I. of cor. to secs 13, 18, 19 & 24 hundtop described Timed 2 min ○ <i>East on a true line</i></p>
------	---

Subdivision of T. 3 S. T. R. 24 E.

obs.

but secs. 18 & 19

Raised precipitous ledge the E. slope of
Clay Basin Butte inc. cedars

14.50 Cedar beach - Enter beach

38.40 Set a sandstone 12x10x6 ins. 8 ins in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on E. face and raised
a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
It's impracticable

78.40 The cor. to secs 17, 18, 19 & 20

Long rolling beach and cliffs
Tilt 1 $\frac{1}{2}$ and 4 $\frac{1}{2}$ rate

Timber cedars on W. 12.50 obs.

Mosses on W. 12.50 obs.

No° 04' W. sec. 17 & 18

16.00 Gully 20 ft. deep drains St.

20.50 Cedar beach - Enter cedars - Ascend the
Clay Basin But.

40.00 Tills on sandstone 3x3x2 ft. above ground. I cut
a cor. (24) at the exact cor. point for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ in W. side
from which

A cedar 8 ins. diam. bears S. 29° E. 10 ft. dist
marked $\frac{1}{4}$ S. 14 B. F.

A cedar 10 ins. diam. bears S. 60° W. 51 ft. dist
marked $\frac{1}{4}$ S. 18 B. F.

65.15 On top of Clay Basin reef intersect Wyo-
ming Rely. line S. 89° 36' W. 34.80 obs. from
Wyo cor. etc 272 feet from described - At point
of intersection set a sandstone 15x8x5 ins. 10 ins.
in the ground for closing cor. to secs 17 & 18 marked
4 grooves in S. and 5 grooves in E. faces and
raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high S. of cor.
It's impracticable

Subdivision of T. 3 N. R. 24 E.

Obs.

Hard brush and precipitous slopes
Soil 1st and 4th rate
Timber cedars on 44.65 chs
Mountainous on N. 44.65 chs.

October 18th 1898

General Description

This Tp. embraces the so-called "Clay Basin" consisting of bunches and "Draws" mostly very broken bounded on the North by a sand-stone reef the Clay Basin reef, and on the South by a range of the Uintah Mountains. Red Creek runs through it from North to South and might be used to irrigate a large part of the land well adapted for cultivation if a dam was constructed in the canon where Red Creek breaks through the Clay Basin Reef. Basin Creek enters the Tp. on the E. side and runs W. to Red Creek but carries too little water to be of any use for irrigation. At present the Basin affords splendid pasturage and is the winter resort for a large number of sheep-hands in the vicinity.

There are no settlers. D. E. No 2211 Genis Carr is filed as being in this Tp. but I find no trace of it. In the S. W. cor. of the Tp. on Fishkin Mountain there are indications of copper and several mining location but no producing mine has been found and I cannot return any part as mineral. The hills are generally covered with scattering cedars and pines.

Adolphus Johnson
U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by
....., United States Deputy Surveyor, to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

....., Chairman.

....., Chairman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted
....., United States Deputy Surveyor, in surveying all
those parts or portions of the

....., of the
meridians, of which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established, according to the instructions furnished by the United States Surveyor
General for

....., Chairman.

....., Chairman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this }
day of 180 }

800000
800000
800000

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the day of _____, 189_____, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 189 }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Salisbury, Md June 10th, 189_____.
The subdivisions of Twp.
3d Range 24th East of the Clark Lake Range & Mer
Elat.*

The foregoing field notes of the survey of _____, the subdivisions of Twp. 3d Range 24th East of the Clark Lake Range & Mer Elat., executed by _____, under his contract No. 218, dated _____, 189_____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob J. Bl
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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No. 3. B.

BOOK A-254

18

FIELD NOTES

OF THE SURVEY OF THE

*Subdivisions lines**of**Township 3 North**Range 25 East*

Of the Salt Lake Base ^{by} Meridian,
State of Utah
 AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1897

Survey commenced October 20th, 1898

Survey completed October 25th, 1898

6-151

Survey (begin) 22-00-00
Distance 30-08-32
Altitude 13-33-50

NAMES AND DUTIES OF ASSISTANTS.

John Glazier and *Plasterer*
Charles Potter
Hugh Hughart *Attendant*
Hugh Hughart *Cook*
P. Morgan
Frank J. Briggs *Plasterer*

Self-sustaining affidavits see book "A"

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Volume

#

R0254

BOOK A-254

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Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

John H. Johnson, Chainm
Charles Patter, Chainm

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of moundmen in the establish of corners, according to the instructions given us, to the best of our skill and ability, in the survey

Henry H. Hubbard, Moundm
John H. Hubbard, Moundm

Subscribed and sworn to before me this }
day of , 189 }



WE, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the survey

Henry H. Hubbard, Ax
D. S. Morgan, Ax

Subscribed and sworn to before me this }
day of , 189 }



I, , do solemnly swear that I will well and t perform the duties of flagman according to instructions given me, to the best of my skill and ability, in survey of

Frank J. Briggs, Flagm

Subscribed and sworn to before me this }
day of , 189 }



Subdivision of T. 3 N. R. 25 E.

Chas

Survey commenced October 20th 1898 and executed with the instrument described in Book A:

At the established cor. sec. 5, 6, 31 & 32
on S. Edge. of Sp. hunting described in Lat. $40^{\circ} 56' N.$ Long. $109^{\circ} 08' W.$ I observe Polaris
accordance with the manual of instructions
and mark the direction thus determined by a
tack driven into a flag formerly set 5 chs. N.
of cor.

Astron. L. m. t. of obs. October 20th 1898 = 7 h. 34 m.
H. C. Polaris Oct. 15th 1898 = 11 h. 42.7 m
Red. to Oct. 20th 5 days 19.6 "

H. C. Polaris October 20th 1898 = 11. 23.1

Hour angle of Polaris = 20 h 10.9 m
subtract from 23 " 56.1

Time argument = 3 h 45.2 m

Azimuth of Polaris = $1^{\circ} 23' E$

October 20th 1898.

October 21st 1898 - At 7 a.m. L.m.t. I lay off
the azimuth of Polaris to the west and mark the
new meridian thus determined by a tack driven
into a flag formerly set in the ground West of the point
established last night. The magnetic bearing of the
true meridian is N. $16^{\circ} 03' W.$ which reduced
the table on page 100 of the manual gives the
mean magnetic declination 16° East

Thus I find

$N. 0^{\circ} 01' E.$ but. sec. 31 & 32

Second

7.00	Year oldars - Enter plateau
17.50	Gully 15 ft. deep drains N.W.
31.00	" " " " "
33.50	" " " " "
40.00	Set a quantity 20 x 10 x 5 ins. 15 ins. in the

Subdivision of T. 3 N. R. 25 E.

6000	ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impractical
6000	Gully 15 ft. deep drains N.W. Second.
72.50	Spring branch 2 lbs. wide 2 ins. deep runs W.
80.00	Set a sandstone $16 \times 10 \times 4$ ins. 11 ins. in the ground for cor. to secs. 29. 30. 31 & 32 marked 1 on S. and 5 on E. edges and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impractical
	A small spring bears S. 48° E. 300 chs. dist. A cedar 12 ins. diam. bears N. $86^{\circ} 40' W.$ 327 lbs. dist. marked T. 3 N. R. 25 E. T. 30 B. T. No other trees within limits. Land broken mountain and plateau Soil 3rd rate - rocky Timber. Cedars on S. 7.00 chs. Mountainous on 8.00 chs.

West on a random line

Set. secs. 30 & 31

4000	Set trap $\frac{1}{4}$ sec. cor.
8000	Intersect W. Body of Tp at cor. to secs 25. 30. 31 & 36 horizon described
	Three 3 mm

East on a true line

Set. secs. 30 & 31

3.25	Grassy swale 7.5 lbs. wide 50 ft. deep drains S. W.
4000	Set a sandstone $18 \times 7 \times 7$ ins. 12 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impractical
56.00	Gully 10 ft. deep drains N.W.
80.00	The cor. to secs. 29. 30. 31 & 32 Land broken mountainous

Subdivision of T. 3 N. R. 25 E.

shrs. Soil 3rd rate - rocky
No timber
Mountainous on 8000' elev.

N. 0° 01' E. lat. sec. 29 & 30

- 24.00 Gulch 100 ft. deep drains W.
 33.00 Saddle in ridge 100 ft. high bears N.E. & W.
 40.00 Set a sandstone 17 x 7 x 5 in. 12 in. in the ground
 for 1/4 sec. cor. marked 1/4 on W. face and raised a
 mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
 Sets impracticable
 72.00 Gulch 100 ft. deep drains W.
 - 80.00 Set a limestone 17 x 7 x 5 in. 12 in. in the
 cor. to sec. 19. 20. 29 & 30 marked 2 notches on
 and 5 in. E. edges and raised a mound of 2
 2 ft. base 1 1/2 ft. high W. of cor.
 Sets impracticable
 A cedar 5 in. diam. bears S. 72° E. 24 lbs. dist.
 marked T. 3 N. R. 25 E. S. 29 B.T.
 A cedar 8 in. diam. bears S. 29° 30' W. 95 lbs. dist.
 marked T. 3 N. R. 25 E. S. 30 B.T.
 No other trees within limits
 Hard broken plateau
 Soil 3rd rate - rocky
 Timber some scattering cedar
 Mountainous on 8000' elev.

West on a random line
 but sec. 19 & 30

- 40.00 Set temp. 1/4 sec. cor.
 80.00 Intersect W. Bdy. of Tps. 16 & 17 N. S. of cor. to sec.
 19. 24. 25 & 30 heretofore described
 Thence S. 00'

Subdivision of T. 3 N. R. 25 E.

Ch.

S. 89° 49' E. on a true line
Lat. sec. 19 & 30

Around

- 7.00 Wash 10 Mrs. wide 2 ft. deep drains S.E. in hollow
30 ft. deep
- 13.00 Wash 10 Mrs. wide 7 ft. deep drains S.W.
- 23.00 Sandstone out 100 ft. high bears N. & S.
- 40.00 Set a sandstone 15 x 10 + 6 ins. 10 ins. in the
. and $\frac{1}{4}$ on W. face for $\frac{1}{4}$ sec cor
from which
A cedar 12 ins. diam. bears S. 5° 30' W. 62 Mrs. dist
 $\frac{1}{4}$ S. 30 B.T.
- An artemisia alba 4 ins. diam. bears N. 27° W. 29 Mrs.
dist. marked $\frac{1}{4}$ S. 19 B.T.
- 41.30 Caves 100 ft. deep drains S.E.
- 48.80 Basin 75 ft. deep drains S.
- 70.00 Basin Creek 5 Mrs. wide 4 ins. deep drains S.W.
in Canon 70 ft. deep
- 80.00 The cor. to secs. 19. 20. 29 & 30
Hand broken mountains
oil 4th rate - rocky
Timber scattering cedar & pine
Mountains on 80.00 obs

N. 0° 01' E. Lat. sec. 19 & 20

- 20.00 Gulch 75 ft. deep drains W.
- 25.00 W. point of high bench - around
- 27.00 Enter Basin Creek Canon 75 ft. deep drains S.W.
- 27.50 Road bears N.E. & S.W. about 5.00 obs.
- 29.25 Basin Creek 5 Mrs. wide 6 ins. deep runs S.W.
- 30.00 Year canon - around
- 32.0 Enter rolling bench bears N.E. & S.W.
- 40.00 Set a limestone 16 x 10 x 6 ins. 11 ins. in the
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a
mound of stone 2 ft. high 1 $\frac{1}{2}$ ft. high W. of cor.

Subdivision of T. 3 N. R. 25 E.

Obs.	Lots impractical. A cedar 6 in. diam bears S. $70^{\circ}30'$ E. 32 lbs. dist marked $\frac{1}{4}$ S. 20 B.T. No other trees within limits.
48.00	Bally 10 ft. deep drains S.W.
54.00	Moss and corals bear N. $81^{\circ}30'$ E. 27 lbs. dist
70.00	Enter dense cedars
80.00	Fit a limestone 18 x 10 x 5 ins. 12 ins. in the ground for cor. to secos. 17, 18, 19 & 20 marked 3 inches on S. and 5 m. E. edges from which A cedar 6 in. diam bears S. $22^{\circ}30'$ E. 33 lbs. dist marked T. 3 N. R. 25 E. S. 20 B.T. A cedar 10 ins. diam bears S. $29^{\circ}15'$ W. 44 lbs. dist. marked T. 3 W. R. 25 E. S. 19 B.T. A cedar 10 ins. diam bears N. $53^{\circ}45'$ W. 33 lbs. dist. marked T. 3 N. R. 25 E. S. 18 B.T. A cedar 5 ins. diam bears N. $29^{\circ}15'$ E. 10 lbs. dist. marked T. 3 N. R. 25 E. S. 17 B.T. Land mostly rolling mountains Soil 2 nd and 3 rd rate rocky Timber dense cedars on S. 100 rods become scattering Mountainous on 8000 chs.

N. $89^{\circ}49'$ W. on a random line
 dist. secos 18 & 19

4000	Fit temp $\frac{1}{4}$ sec. cor.
79.75	Entered W. Bally of Tp. at cor. to secos. 13 18, 19 & 24 heretofore described Then 1 mm
	S. $89^{\circ}49'$ E. on a tree line dist. secos 18 & 19
1.50	Hollow 30 ft. deep drains S.E.
10.50	Wash 5 lbs. wide 2 ft. deep drains S.
39.84	Fit a sandstone 12 x 9 x 8 ins. 8 ins. in the ground

Subdivisions of T. 3 N. R. 25 E.

- 485 for 1/4 sec cor. marked 1/4 on W. face and raised a mound of stone 2 ft. high 1 1/2 ft. high N. of cor. It's impracticable
- 5.000 Ridge 75 ft high bears N. & S.
- 79.75 The cor to sec. 17, 18, 19 & 20
Good broken bench
Soil 3rd rate rocky
Timber scattering cedar
Mountains on 79.75 cor.

N. 0° 01' E but sec. 17 & 18

- Around in dense cedars
- 21.50 Ridge spur 500 ft high. bears E. Good cedars, dense
- 40.00 Set a sandstone 12 x 10 x 7 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. high 1 1/2 ft. high N. of cor. It's impracticable
- 46.00 Gulch 50 ft. deep drains E.
- 57.00 " 30 " " "
- 62.50 Intersect Utah-Wyoming Bdy line T. 89 N. 15' W.
31.50 chs from mill cor. No 266 heretofore described
At point of intersection I set a sandstone 12 x 8 x 6 ins. 8 ins. in the ground for closing cor. to sec. 17, 18 marked C.C. and 4 groves on S. and 5 groves on E. faces and raised a mound of stone 2 ft. high 1 1/2 ft. high S. of cor.
It's impracticable
Good broken mountains
Soil 3rd & 4th rate - rocky
Timber Cedar on S. 21.50 chs
Mountains on 62.50 chs

October 21st 1898

Subdivision of T. 3 N. R. 25 E.

obs.

From the established cor. to sec. 4. 5. 32 & 3
in S. Bdy. of Twp. boundary described I run

N. 0° 02' E. bet. sec. 32 & 33

Ascend

14.00 Enter rolling plateau 800 ft. above Willow
Set a quartzite 18x11x3 in. $\frac{1}{4}$ in. in the
for 1/4 sec. cor. marked 1/4 on W. face and
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Sets impractical

An aspen 4 in. diam bears N. 81° W. 137 lbs.
dist marked 1/4 T. 32 B.T.

No other trees within limits

- 8000 Set a quartzite 16x8x6 in. 11 in. in the
for cor to sec. 28. 29. 32 & 33 marked 1 notch
S. and W. on E. edges and raised a mound of
stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.

Sets impractical

Hand high broken mountains
Soil 3rd rate - rocky
No timber

Mountainous on 8000 obs

West on a random line
bet. sec 29 & 32

40.00 Set temp 1/4 sec. cor.

Followed N & S. line at cor. to sec 29. 30. 31.
and 32.

Then I run

East on a true line
bet. sec 29 & 32

24.00 Gully 15 ft. deep drains S. W.

Enter plateau bears N & S

Subdivision of T. 3 N. R. 25 E.

chs. 4,000	Set a quartzite 16x7x5 ins. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable
51,00	Hollow 50 ft. deep drains N.W.
80,00	The cor. to sec. 28. 29. 32 & 33 Land broken mountains and plateau Soil 4 th rate - rocky Timber a few scattering cedars Mountainous on 80,00 chs

N. 0°02' E. lot. nos 28 & 29

3,000	Raised from plateau
4,000	Set a limestone 15x8x5 ins. 10 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable
49,00	Bulch 100 ft deep drains W.
71,00	Ridge spur 150 ft high bears W.
80,00	Set a sandstone 15x10x6 ins. 10 ins. in the ground for cor. to sec. 20. 21. 28 & 29 marked 2 notches on S. end 4 on E. edges and raised a mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high N. of cor. Pits impracticable Land broken mountains Soil 3 rd rate - rocky No timber Mountainous on 80,00 chs.

West on a random line
lot. nos. 20 & 29

40,00	Set traps. $\frac{1}{4}$ sec. cor
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Subdivision of T. 3 N. R. 25 E.

chs

80.10 Cut road N. & S. line at cor. to sec. 19, 20, 29
& 30

Thickness 2 m.

East on a true line

Lat. sec. 20 & 29

17.50 Gulch 50 ft deep drains S.W.

22.00 Road bears N.W. & S.E.

35.00 Gulch 70 ft deep drains N.W.

40.05 Set a sandstone 15 x 8 x 4 ins. 10 ins. in the
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and
a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
Pits impracticable.

62.50 Gulch 70 ft. deep drains S.W. Around

80.10 The cor. to sec. 20, 21, 28 & 29
Sand mountainous

Soil 3rd rate - rocky

Timber a few scattering cedars

Mountainous on 80.10 chs

N. 0002' E. lat sec. 20 & 21

5.00 Gulch 15 ft deep drains S.W. Around

34.00 Gulch 75 ft. deep drains W.

40.00 Set a limestone 16 x 8 x 5 ins. 11 ins. in the
mud, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and
raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.
of cor. Pits impracticable

64. Gulch 50 ft deep drains W.

80.00 Set a limestone 16 x 9 x 4 ins. 11 ins. in the
for cor. to sec. 16, 17, 20 & 21 marked 3.
notches on S. and 4 on E. edges and raised a
mound of stones 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable

Sand broken mountain slopes

Soil 3rd rate - rocky

Subdivision of T. 3 N. R 25 E.

4000 chs Timber a few cedars
Mountainous on 8000 chs

West on a random line
lot. nos. 17 & 20

4000 lot temp 44 sec. cor.
80.00 Interest W. & S. line at cor. to nos 17, 18, 19 & 20
Pine & Juniper
East on a tree line
lot. nos. 17 & 20

4.50 Gully 75 ft. deep drains S. - have cedars
14.50 Gully 30 ft. deep drains S.E. - Juniper
24.00 Enter Basin Creek Canon 50 ft deep drains S.
Road bears N. & S. Enter willows
25.00 Basin Creek 4 hrs. wide 6 ins. deep runs S.
29.50 Spring Branch 2 hrs. wide 4 ins. deep drains S.
31.00 Yucca canon and Willows - Arid.
40.00 Lot a limestone 12 x 10 x 5 ins 8 ins in the ground for
14 sec. cor. marked 1/4 on N. face and raised a
sump of stones 2 ft. base 1 1/4 ft high N. of cor.
Lots impracticable
80.00 Thru cor. to nos. 16, 17, 20 & 21
Land mountainous
Grit 3rd rate rocky
Timber deer cedars W. 4.50 chs deer willows on 6.00 chs
Mountainous on 80,000 chs.

N. 0°02' E. lot nos 16 & 17

7.00 Gully 40 ft. deep drains N.W.
10.50 Small spring bears N.E. 2.00 chs
12.50 Gully 60 ft. deep drains N.W.
Ridge open 300 ft high bears N.W.

Subdivision of T. 3 N. R. 25 E.

- 4 Set a limestone 12 x 12 x 6 ins. 8 ins. in the
 mud for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and
 raised a mound of stone 2 ft. high $\frac{1}{2}$ ft. high W. of cor.
 Its impracticable
- 46.50 Gulch 50 ft. deep drains N.W.
- 50.50 " " " "
- 62.50 Intersect Utah-Wyoming Bdy. line 26.50 chs
 W. of mile cor. abo 265 feet above described.
 At point of intersection I set a limestone 18 x
 10 x 6 ins. 12 ins. in the ground for closing cor to
 secs 16 & 17 marked C.C. and 4 grooves on S.
 and 4 grooves on E. faces and raised a mound
 of stone 2 ft. high $\frac{1}{2}$ ft. high S. of cor.
 Its impracticable
 Hand broken mountain slopes
 Soil 3rd rate - rocky
 Timber a few Cedars
 Mountainous on 62.50 chs.

October 22nd 1898

At the established cor. to secs 3, 4, 33 &
 34 on S. Bdy. of Twp. hundred described in
 Lat. $40^{\circ}56'$ N. Long $109^{\circ}06'$ W. I observe Polaris
 in accordance with the instructions of the manual
 and mark the direction thus determined by a
 tick driven into a plug firmly set 5 chs E. of cor.

Action law. of obs. October 22nd 1898 7 h. 26 m
 H. C. Polaris Oct. 15th 1898 = 11 h. 42.7 m.

Add. to October 22nd 7 days 27.5"

H. C. Polaris October 22nd 1898 11° 15.2'

True angle of Polaris = 20 h. 10.8 m
 subtract from 23° 36' 0"

True argument = 3 h. 45.3 m

Azimuth of Polaris = $1^{\circ}23'$ East

October 22nd 1898

Subdivision of T. 3 N. R. 25 E.

do.

October 23-1897. At 7 a.m. had to lay off the azimuth of Polaris to the West and mark the true meridian then determined by a lead dropped into a plug forcing it in the ground W. of the point established last night. The magnetic bearing of the true meridian thus established is N. 16° 03' W. which reduced by the table on page 100 of the manual gives the mean magnetic declination 16° East.

Distance I now

N. 0° 02' E. by sec. 33 x 34

- 29.50 Hollow 50 ft. deep drains W.
- 31.50 S.W. point of ridge open. Descend
- 35.25 Spring branch 6 lbs. wide 4 ins. deep runs S.W.
- 37.25 Wagon road between Rock Springs and Vernal
leads N.E. & S.W.
- 38.00 Willow Creek 10 lbs. wide 6 ins. deep runs S.W.
in bottom of Cañon 150 ft deep. Descend
- 40.00 Ft. a sandstone 18 x 12 x 8 ins. 12 ins. in the
ground for 1/2 sec. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pt. impracticable.
- 54.00 Ridge open 300 ft high bears E.
- 61.00 Hollow 50 ft deep drains E.
- 63.00 Ft. a sandstone 12 x 6 x 5 ins. 8 ins. in the ground
for cor to sec 27, 28, 33 & 34 marked 1/4 on N.
and 3 on E. edges and raised a mound of stone
2 ft. base 1 1/2 ft. high W. of cor. fits impracticable
land broken mountains
- 2 ft. 4th rate - rocky
Foothills some scattering cinder and Mahogany
Boulders on 8000 lbs

West on a random line

Lat. 40° 00' - 28 x 33

Subdivision of T. 3 N. R. 25 E.

obs.

- 40.00 Set traps $\frac{1}{4}$ sec. cor.
 80.12 Intersect W. & S. line at cor. to secs 28, 29, 32
 & 33

Three 2 min

East on a true line

Set. secs 28 & 33

- 5.00 Ascend from Plateau 800 ft. higher than Willow Creek
 Hollow 50 ft. deep drains S.
 33.50 " " " " S.E.
 40.06 Set a sandstone $17 \times 9 \times 3$ ins. 12 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor.
 Bits impracticable
 50.00 Hollow 75 ft. deep drains S.
 80.14 The cor. to secs. 27, 28, 33 & 34
 Grand broken Mountains
 Soil 3rd rate - rocky
 no timber
 Mountainous on 80.12 obs.

N. 0°02' E. bet secs. 27 & 28

Ascend

- 14.00 Ridge spur 500 ft. high bears S.E.
 Hollow 30 ft. deep drains S.E.
 21.00 Ridge spur 500 ft. high bears S.E.
 24.00 Hollow 20 ft. deep drains N.E.
 40.00 Set a quartzite $12 \times 10 \times 6$ ins. 8 ins. in the ground
 for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. side and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Bits impracticable
 44.4 Spring Branch 2 lbs. wide 2 in. deep runs S.E.
 in gulch 50 ft. deep
 49.00 Ridge spur 75 ft high bears S.E.

Gold River section of T. 3 d. R. 25 E.

obs	
61.05	Hollow 75 ft. deep drains S.E.
75.00	Ridge 600 ft. high bears N.W. & S.E.
80.00	Set a limestone 16 x 12 x 7 ins. 11 ins. in the ground for cor. to sec. 21. 22. 27 & 28 marked 2 switches on. 1 and 3 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. It's impractical
	Land broken mountainous
	Soil 3rd rate - rocky
	Timber - a few aspen
	Mountainous on 80.00 obs

West on a random line
bet. sec. 21 & 28

40.00	Set tamps $\frac{1}{4}$ ac. cor.
79.96	Entered W. & S. line 23 obs S. of cor. to sec. 20. 21. 28 & 29
	Run 2 run
	$9.89^{\circ}50' E.$ on a true line bet. sec. 21 & 28
	<u>Around</u>
39.98	Set a limestone 16 x 8 x 4 ins. 11 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ ac. N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. It's impractical
42.01	Leaving ridge between Willow and Basin Creek 600 ft. high bears N. & S. Descend towards Willow Creek
75.05	Ridge above 400 ft. high bears S.E.
79.96	The cor. to sec. 21. 22. 27 & 28
	Land broken mountainous
	Soil 3rd rate - rocky
	No timber
	Mountainous on 79.96 obs.

Subdivision of T. 3 N. R. 25 E.

obs.

N. $89^{\circ}02'$ E. lat. secos 21 & 22

- 5.00 Gully 15 ft. deep drains S.E.
 11.50 Ridge spur 400 ft. high bears S.E.
 21.50 Hollow 30 ft. deep drains E.
 24.50 Ridge spur 30 ft. high bears E.
 30.50 Hollow 75 ft. deep drains E.
 37.00 Ridge spur 300 ft. high bears E.
 40.00 Set a limestone 18 x 10 x 7 ins 12 ins in the
 for $\frac{1}{4}$ in. cor marked $\frac{1}{4}$ on W. face and raised
 a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 50.00 Hollow 20 ft. deep drains E.
 54.00 Ridge spur 200 ft. high bears E.
 58.50 Hollow 30 ft. deep drains E.
 63.00 Ridge spur 200 ft. high bears E.
 73.00 Hollow 30 ft. deep drains E.
 - 80.00 Set a limestone 18 x 12 x 3 ins 12 ins in the
 for cor. to secos 15. 16. 21 & 22 marked ^{3 Nodos 25 cm. 8 ft. per and}
 on S. & E. edges and raised a mound of stone
 2 ft. base $1\frac{1}{2}$ ft. high W. of cor.
 Pits impracticable
 Hand broken masonry
 Soil 3rd rate - rocky
 No timber
 Mountainous on 8000 obs.

N. $89^{\circ}50'$ W. on a random line
 lat. secos. 16 & 21

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. & S. line 24 obs. N. of cor to secos.
 16. 17. 21 & 22
 Then I run ⁶ East on a true line
 lat. secos. 16 & 21

Subdivision of T. 3 N. R. 25 E.

chs.	Acres
40.00	Set a limestone 15x10x8 ins 10 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable
48.50	Dividing ridge bet. Willow Cr. and Bearin Cr. 800 ft. high bears N.E. & S.W. - Second
74.00	Bush 75 ft. deep drains N.
80.00	The cor. to sec. 15, 16, 21 & 22 Land broken mountains Soil 3rd rate rocky No timber Mountains on 80.00 chs.

N. 0°02' E. bet. sec. 15 & 16

2.50	Hollow 20 ft. deep drains E.
24.00	Ridge open 50 ft. high bears E.
28.50	Wash 5 hrs. wide 2 ft. deep drains S.E. in hollow 40 ft. dep. A spring in said hollow bears S.E. 60° chs. drift.
40.00	Set a sandstone 15x10x8 ins. 10 ins. in the ground for $\frac{1}{4}$ ac. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable
62.50	Intersect Utah-Wyoming Bdy. line 25.75 chs. W. of mile cor. chs 264 heretofore described. At point of intersection I set a sandstone 18x8x 5 ins. 12 ins. in the ground for closing cor. to sec. 15 & 16 marked C.C. and 4 grooves on S. and 3 grooves on E. faces and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high S. of cor. Pits impracticable Land broken mountain slopes Soil 3rd rate - rocky No timber Mountains on 62.50 chs.

Subdivision of T. 3 N. R. 25 E.

October 23rd 1898

From the established cor to sec. 2. 3. 34 & 35
on S. Edg. of Sp. butte on described L. r

N. 0°03' E bet secs 34 & 35

- 10.50 Ridge spur 30 ft. high bears W.
32.50 Gully 20 ft. deep drains N.W.
39.50 Ridge 30 ft high bears W.
40.00 Set a sandstone 15 x 9 x 5 ins. 10 ins. in the ground
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face and raised a
mound of stone 2 ft. base $1\frac{1}{2}$ ft high W. of cor.
Pits impracticable
50.00 Spring branch 2 lks wide 6 ins. deep comes W. in
hollow 75 ft deep
65.00 Ridge spur 40 ft high bears W.
80.00 Set a conglomerate rock 20 x 8 x 4 ins. 15 ins. in
w ground for cor to sec. 26. 27. 34 & 35 marked
1 notch on S. and 2 on E. edges. and raised a
mound of stone 2 ft. base $1\frac{1}{4}$ ft. high W. of cor.
Pits impracticable

An aspen 9 ins. diam. bears S. 54°55' E. 1.29 cbs
dist. marked T. 3 N. R. 25 E. S. 35 B. T.

A pine 5 ins. diam. bears N. 83°05' E. 1.81 cbs
dist. marked T. 3 N. R. 25 E. S. 26 B. T.

No other trees within limits.

Land high broken plateau

Soil 3rd rate rocky

Timber scattering pine, cedar and aspen

Mountainous on S. 0.00 cbs

West on a random line

bet secs 27 & 34

Subdivision of T. 3 N. R. 25 E.

Chs.	
40.00	Set temp $\frac{1}{4}$ sec. cor.
80.12	Intersect N. & S. line 8 chs. S. of cor. to secos.
27. 28. 33 & 34	
	Thunder I run
	I. 89457' E. on a true line
	bet. secos. 27 & 34
16.00	Ridge spur 100 ft. high bears S.E. Second
22.50	Two unoccupied cabin bears N. 77° E. 15 chs. dist.
27.00	Ridge between Vernal & Rock Springs bears N.E. & S.W.
30.00	Willow Creek 6 chs. wide 5 ins. deep runs S.W. in bottom of Willow Creek Cañon 150 ft. deep. Second
40.06	Set a sandstone 18 x 6 x 4 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable
80.12	The cor to secos. 26. 27. 34 & 35
	Land broken mountains
	Soil 4 th rate - rocky
	Timber a few aspen
	Mountainous in 80.12 chs

East on a true line
bet secos. 26 & 35

11.00	Gully 50 ft. deep drains N.W.
27.00	Ridge 50 ft. high bears N.E. & S.W.
40.00	Set a sandstone 20 x 6 x 4 ins. 15 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable
55.00	Gully 30 ft. deep drains S.
80.00	Intersect Utah - Colorado Bdy line N. 80° 32' W. 77.20 chs. from mile cor. do 243 feet above described (This cor. do 274 cannot be found)

Subdivision of T. 3 N. R. 25 E.

Obs

At point of intersection set a sandstone
16 x 11 x 10 in. 11 in. in the ground for
driving cor. to sec. 26 & 35 marked C.C. on
W. and 1 gear on S.^{undivided} faces and raised a
mound of stone 2 ft. base 11 ft. high W. of
site impracticable

A fine 5 in. diam bears S. 63° 10' W. 148 lbs dist.
marked T. 3 N. R. 25 E. S. 35 C. C. B. T.

No other trees within limits
had high broken plateau.

Ridge 320 rods - rocky

Trees some scattering aspen
Marmot traps on 8,000 chs

N. 0° 03' E. lat. sec. 26 & 27

Record

- | | |
|-------|--|
| 13.00 | S. C. Cassette 2 cabin bases W. 2 chs. dist. |
| 13.50 | Road bears E. & W. |
| 14.00 | Spring Branch 2 lbs. with 3 in. deep mud W.
in hollow 100 ft. deep - Ascend |
| 23.00 | Ridge open 100 ft. high bears S. E. |
| 40.00 | Set a quartzite 15 x 8 x 6 in. 10 in. in the ground
for 1/4 sec. cor. marked S. on W. face and raised a
mound of stone 2 ft. base 11 ft. high W. of cor.
Site impracticable |
| | An aspen 5 in. diam. bears S. 80° 33' E. 215 lbs.
dist. marked 1/4 S. 26 B. T. |
| | No other trees within limits |
| 46.00 | East Branch of Willow Creek 3 lbs. wide 3 in.
deep mud S. W. in hollow 100 ft. deep. |
| 48.00 | Road bears N.E. & S. W. - John Q. Adams
cabin bases East 2.00 chs. dist. |
| 61.50 | Ridge open 60 ft. high bears S. W. |
| 64.50 | Gulch 50 ft deep drains S. W. Ascend |
| 80.00 | Set a limestone 12 x 10 x 6 in. 8 in. in the ground for
cor. to sec. 22, 23, 26 & 27 marked 2 notches on |

Subdivision of T. 3 N. R. 25 E.

Chs. S. and E. edges and raised a mound of
stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
Land broken mountains
Soil 3rd rate - rocky
Timber a few aspen
Mountainous on 80.00 chs

N. 89° 57' W. on a random line
bet. secos 22 & 27

40.00 Set temp ¼ ac. cor.
80.16 Intercept W. & S. line 10 hrs. N. of cor. to secos.
21. 22. 27 & 28
Timber 3 min

N. 89° 59' E. on a true line
bet. secos. 22 & 27

Resend

5.50 Gulch 15 ft. deep drains S.E.
17.00 Ridge spur 300 ft. high bears S.E.
40.08 Set a sandstone 12x12x4 sin. 8 ins. in the
ground for ¼ ac. cor. marked ¼ on N. face and raised
a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
49.00 Enter Willow Creek Cañon 100 ft. deep drains
S.E.
52.40 Willow Creek 5 hrs. wide 2 ins. deep runs S.E.
52.50 Road bet. Willow & Rock Springs bears N. & S.
57.00 Gully Cañon - closed
78.00 Ridge spur 250 ft. high bears S.W.
80.16 The cor. to secos. 22. 23. 26 & 27
Land broken mountains
Soil 3rd rate rocky
No timber
Mountainous on 80.16 chs

Subdivisions of T. 3 N. R. 25 E.

obs.

East on a true line
bet secs 23 & 26

- 30.00 Ridge open 75 ft. high bears S.E.
Set a quartzite 16x8x7 ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. car marked $\frac{1}{4}$ on W. face and raised a
rounded of stone 2 ft. base $1\frac{1}{2}$ ft. high W. of car.
Sets impracticable
As a aspen 4 ins. diam bears N. $10^{\circ} 57' E.$ 68 lbs.
dist. marked $\frac{1}{4}$ S. 23 B.T.
As a aspen 3 ins. diam bears S. $20^{\circ} 24' E.$ 144 lbs.
dist. marked $\frac{1}{4}$ S. 26 B.T.
40.00 Butch 57 ft. deep drains S.
" 30 " " "
79.25 Intersect Utah - Colorado Bdy line $2^{\circ} 32'$
E. 80.25 obs. from Mill Cr. do 276 feet from
described (Mill Cr. do 275 cannot be found)
As point of intersection I set a limestone 10x
12x6 ins. 15 ins. in the ground for closing car to
secs. 23 & 26 marked C.C. on W. and 2
graves on S. faces and raised a rounded of
stone 2 ft. base $1\frac{1}{2}$ ft. high W. of car.
Sets impracticable
Hard broken metamorphic
Set 3 $\frac{1}{2}$ rate rocky
Tried a few scattering aspen and cedar
Metamorphics on 79.25 obs

October 25th 1898

North $0^{\circ} 03' E.$ bet. secs. 22 & 23

- 8.00 Ridge open 500 ft. higher than Willow Creek bears W.
Butch 100 ft. deep drains S.W.
33.50 Ridge open 200 ft. high bears S.W.
Set a limestone 16x12x3 ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. car. marked $\frac{1}{4}$ on W. face and raised

Subdivision of T. 3 N. R. 25 E.

Chs.	a mound of stone 2 ft. base 11 ft. high on of cor. Pts impractical
44.00	Willow Creek 2 lks. wide 2 ins. deep runs S. W. in bottom of cut 100 ft. deep
44.20	Road bet. Vernal & Rock Springs bears N. & S. Ascend
49.50	Mouth of gulch with spring Spring in bottom heads. S.E.
68.00	Ridge spur 250 ft. high bears S.E.
80.00	Other head of gulch drains S.E. It's a sandstone 16x12x8 in. for cor. to secos 14. 15. 22 & 23, marked 3 notches on S. and 2 on E. edges and marked a mound of stone 2 ft. base 11 ft. high N. of cor. Pts impractical
	An aquifer Rio Grande bears N. 50° W. 200 lks. dist. marked T. 3 N. R. 25 E. S. 15 B.T. No other trees within limits Good broken mountain Soil 3rd rate - rocky No timber Mammalious on 80.00 chs.

T. 89°59' W. on a random line
Lat. secos. 15 & 22

40.00	Stump $\frac{1}{4}$ sec. cor.
80.00	Interest. N. & S. line 5 lks. S. of cor. to secos 15. 16. 21 & 22.
	Thinner & round
	<i>T. 89°59' E. on a true line</i> Lat. secos. 15 & 22
	Ascend
16.00	North fork of Willow Creek 3 lks. wide 4 in. deep drains S.E. in Cut 30 ft. deep Ascend
40.03	St. a limestone 16x10x4 in. 11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face and called a

Subdivision of T. 3 N. R. 25 E.

- obs mound of stone 2 ft. base 1 $\frac{1}{2}$ ft. high
N. of cor. Pits impracticable
- 63.00 Ridge spur 400 ft. high bears S.
- 80.06 The cor. to secs 14, 15, 22 & 23
land broken mountains
oil 3rd rate - rocky
Mountainous on 80.06 obs

East on a true line
bet. secs. 14 & 23

Second

- 18.00 Gulch 50 ft. deep drains S.E.
38.00 Enter Willow Creek Canyon 75 ft. deep drains S.W.
Road bet. Vernal and Rock Springs bears
N. & S.W.
38.35 Willow Creek 2 hrs. wide 2 ins. deep runs S.W.
40.00 Cut a limestone 15 x 7 x 6 ins. 10 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face
from which
An aspen 12 ins. diam bears S. $77^{\circ}45'$ E. 66 hrs.
dist. marked $\frac{1}{4}$ S. 23 B.T.
An aspen 8 ins. diam. bears N. $82^{\circ}10'$ W. 91 hrs.
dist. marked $\frac{1}{4}$ S. 14 B.T.

Third

- 78.50 Intersect Utah - Colorado Body line S. $0^{\circ}32'E$.
3.25 obs. from Mill cor. to 276 hwy for de-
scribed; and from said Mill cor. No 276 the
Closing cor. of the Utah Colorado Body line on
the I. Body line of Wyoming hwy for described
bears N. $0^{\circ}40'W$. 6000 obs. dist. - At point of
intersection I cut a sandstone 15 x 10 x 9 ins 10
ins. in the ground for closing cor. to secs. 14 &
23, marked C. C. on N. and 3 grooves
on S. faces and raised a mound of stone
2 ft base 1 $\frac{1}{2}$ ft. high N. of cor.
Pits impracticable

Subdivision of T. 3 N. R. 25 E.

chs. Erickson Sheep-Dipping Corral and a
spring, the uppermost source of Willow
N. 11° 20' W. 25.50 chs. from closing cor.
st.

Rain broken mountains
Soil 3rd rate
Timber a few aspen in cañon
Mountainous on 78.50 chs.

N. 0003' E. lat. sec. 14 & 15

Record

- 23.3 Ridge 800 ft. high bears N.E. & S.W.
4.000 Set a sandstone 18 x 6 x 5 ins. 12 ins. in the
1 1/4 sec. cor. marked 1/4 on W. face and raised
a mound of stone 2 ft. base 1 1/2 ft high W. of cor.
Sets impracticable
52. Enter aspen thicket
- 62.8 Intercept Utah-Wyoming Bdy line 1.89⁰4'
W. 26.05 chs. from Mill Cr. do 263 hours
described. At point of intersection set a
sandstone 15 x 10 x 5 ins. 10 ins. in the ground
closing cor. to sec 14 & 15 marked C.C
4 grooves on S. and 2 grooves on E. faces and
raised a mound of stone 2 ft. base 1 1/2 ft high
S. of cor.
Sets impracticable
Land high rolling mountains
Soil 3rd rate - rocky
Timber dense aspen underbrush on N. 10. 80 chs
Mountainous on 62.80 chs.

October 26th 1898

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Subdivision of T. 3 N. R. 25 E.

General Description

This Tp. embraces the upper part of the country
draining into Willow Creek and Clay Basin
Creek. It consists mostly of high broken ridges
and plateaus very excellent for pasture on
account of numerous small springs found
almost everywhere. It supports many horses
and sheep especially in the late fall before
going into Clay Basin on the West for the
Winter. It will never amount to anything for
cultivation on account of its rugged, broken
surface. There are some cedars and pines on
the N. slopes of the mountains.

J. C. Bassett has cabin in sec. 27; John P.
Adams has one cabin in sec. 26; Erickson has
a dipping corral in sec. 14. and a Mexican
named Antone has a cabin, corrals and a small
natural meadow in the bottom of Clay Basin
Creek in sec. 20; this place I believe is the one
intended to be covered by Louis Carr's P. L. No 2211
in T. 3 N. R. 24 E. There are two cabins in sec. 27
in Willow Creek canon owned by J. C. Bassett.

In the Tp. are numerous indications of valuable
minerals Copper, Silver & Gold but as
yet insufficient developments have been
made to show the economic value of the ore,
therefore I do not return any of the land as
mineral.

Adolphe Jensen.
U. S. Dep. Surveyor.

Boundaries of T. 3 N. R. 25 E.
Latitude, Departure and closing errors.

	Lines designated from bearing	Distn obs.	Latitude obs. obs	Departures obs. obs
with Boundary	East:	400.7		400.7
	$41.0^{\circ}45'E.$	2.80		
W. Bdy. line	$W.0^{\circ}32'W.$	240.45	303.25	2.94
	$W.0^{\circ}40'W.$	60.00		
	$89^{\circ}30'W.$	51.75		
	$89^{\circ}44'W.$	80.30		
Wyoming Bdy line	West	154.25		1.95 397.55
	$89^{\circ}15'W.$	79.75		
	$89^{\circ}43'W$	31.50		
West Bdy	South	301.45	301.4	
Con	West	.33		.33
Totals:	03.	303. 303.25	400.7 400.72	400.75
Errors in Latitude			.11	
Errors in Departure			07	

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphus Jensen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of additional subdivisions of T. 1 S. R. 24 & 25 E. & T. 1 N. R. 24 E. - Subdivisions of T. 1 N. R. 25 E., T. 2 S. R. 24 & 25 E. - T. 3 N. R. 24 & 25 E. of the Salt Lake Baseline Dist. showing the respective capacities in which they acted:

John Chapman, Chairman.
Charles Potter, Chairman.
Hugh Vaughan, Moundman.
Hugh Vaughan, Moundman.
D. S. Morgan, Axman.
Frank J. Briggs, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

Adolphus Jensen, United States Deputy Surveyor, in surveying all those parts or portions of the additional subdivisions of T. 1 S. R. 24 & 25 E. & T. 1 N. R. 24 E. - Subdivisions of T. 1 N. R. 25 E. T. 2 S. R. 24 & 25 E. of the

Salt Lake Park meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Charles Potter, Chairman.
Charles Potter, Chairman.
Hugh Vaughan, Moundman.
Hugh Vaughan, Moundman.
D. S. Morgan, Axman.
Frank J. Briggs, Flagman.

Subscribed and sworn to before me this 25th day of October, 1898 }



Adolphus Jensen
U. S. Dep. Surveyor

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphus Jessen, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob B. Bla United States Surveyor General for Utah, bearing date of the 9th day of November, 1897, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the additional T. 1 S. Rgs. 24 & 25 E. and T. 1 N. Rgs. 24 E. Also sub. of T. 2 S. 3 d. Rgs. 24 & 25 E. T. 1 N. R. 25 E.

Salt Lake ^{City} meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphus Jessen

United States Deputy Surveyor

Subscribed by said Adolphus Jessen, and sworn to before me }
this 20th day of December, 1897 }
Jacob B. Bla
Surveyor General



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah June 10th, 1898
The foregoing field notes of the survey of The additional of Township 3 Salt Lake 25 East of the Salt Lake Base and Meridian, Utah

executed by Adolphus Jessen
under his contract No. 118, dated November 9th, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob B. Bla

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

Adolphus Jessen
United States Surveyor General

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BOOK A-254

No. 38.

FIELD NOTES

Retracement
OF THE SURVEY OF THE

Utah - Colorado Boundary

through part of T. 1. S. and Tps 1-2 & 3 N.

Range 25, East

and the

Utah - Wyoming Boundary

through Tp. 3 North

Ranges 24 & 25 East

of the Salt Lake Base Meridian,

State of Utah

AS SURVEYED BY

Adolph J. Jester, United States Deputy Surveyor,

Under his Contract No. 218, dated November 9th, 1898

Survey commenced August 24th, 1898

Survey completed October 20th, 1898

0-101

1. D. m. 36 ft. 1 in. 11 ft. 6 in. 20 ft. 7 in.
 " " " 2 in. 1 in. 1 in. 1 in.
 " " " 2 in. 1 in. 1 in. 1 in.
 " " " 2 in. 1 in. 1 in. 1 in.
 " " " 2 in. 1 in. 1 in. 1 in.

NAMES AND DUTIES OF ASSISTANTS.

John Hubbard
Charles Potter } chairman

Hugh Hughart Merriman

Hugh Hughart
D. J. Morgan } Asst.

Frank J. Briggs Regan

BOOK A-254

INDEX DIAGRAM.

Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
80	29	28	27	26	25
81	82	83	84	85	86

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

We, John Eastman and Charles Potter, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist in running, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Utah-Colorado City through T. 1 S., R. 1-2 & 3 N. R. 25 E. and the Utah-Wyo. City through T. 3 N. R. 24 & 25 E.

John Eastman, Chainm
Charles Potter, Chainm

Subscribed and sworn to before me this 24th day of August, 1898

RECORDED
S. SEAL
RECORDED

Adolphus Jensen
H. J. Dep. Surveyor

We, L. Wright Houghart and W. C. Houghart, do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the Utah-Colorado City through T. 1 S., R. 1-2 & 3 N. R. 25 E. and the Utah-Wyo. City through T. 3 N. R. 24 & 25 E.

W. C. Houghart, Moundm
W. C. Houghart, Moundm

Subscribed and sworn to before me this 24th day of August, 1898

RECORDED
S. SEAL
RECORDED

Adolphus Jensen
H. J. Dep. Surveyor

We, L. Wright Houghart and D. L. Morgan, do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the Utah-Colorado City through T. 1 S., R. 1-2 & 3 N. R. 25 E. and the Utah-Wyo. City through T. 3 N. R. 24 & 25 E.

D. L. Morgan, Arm
D. L. Morgan, Arm

Subscribed and sworn to before me this 24th day of August, 1898

RECORDED
S. SEAL
RECORDED

Adolphus Jensen
H. J. Dep. Surveyor

I, Frank J. Briggs, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the Utah-Colorado City through T. 1 S., R. 1-2 & 3 N. R. 25 E. and the Utah-Wyo. City through T. 3 N. R. 24 & 25 E.

Frank J. Briggs, Flagm

Subscribed and sworn to before me this 24th day of August, 1898

RECORDED
S. SEAL
RECORDED

Adolphus Jensen
H. J. Dep. Surveyor

Re-tracement of the Utah-Colo. Bdy East of T. 1 N. R. 25 E.

Survey commenced August 24th 1898 and
concluded with the instrument described in Part A.

I begin at the established closing cor.
to sec. 2 & 35 T 1 N. R. 25 E. heretofore
described which is identical with cor. no.
267 in the Utah-Col. Bdy line heretofore
described in Lat. $40^{\circ} 51'$ N. Long. $109^{\circ} 04' W.$
at 9 h. 15 m. P. M. and observe Polaris
at eastern elongation in accordance with
instructions in the manual and mark
the line thus determined by a tack driven
into a plug set in the ground 50 ft. off

Aug. 24th 1898

Aug 24th 1898 X

August 25th 1898 At 7 h. a.m. I lay off the
diameter of Polaris $1^{\circ} 38'$ to the West and
mark the true Meridian thus determined by
a tack driven into a plug firmly set in the
ground 15 ft. of the point established last night
the mean bearing of said true Meridian to
 $15^{\circ} 16' 06'' W.$ which reduced by the table on
page 102 of the manual gives the mean
mag decl. $10^{\circ} 45' E.$

Then - owing to retake the Utah-Col.
Bdy line from the cor. secured I now

forth on mile no. 267

70.84 Point 50 ft. West of mile cor. no. 266
which is a sandstone 15x12x3 in. firmly im-
bedded and situated as described by the
Surveyor General. -

The true course of mile no. 267 is therefore
N. $0^{\circ} 21' W.$ X

Retirement of Utah-Col. Boundary line East of Fish River

	From mile cor. obs 266 3 mns South on mile obs 266
61.91	<p>Point 19 lbs West of the previous cor. to mile cor. obs 265 which is a sandstone 20 x 18 x 5 ins. finely cut, marked and wit- nessed as described by the Surveyor General.</p> <p>The true course from W.C. to mile cor. obs 265 to mile cor. obs 266 is therefore N. 0° 11' W.</p>
77.67	<p>The true cor. point to mile cor. obs 265 as given in the field notes of the Utah-Col. Bdry. line survey</p>
	From the W. C. to mile cor. obs 265 15.76 obs. S. of true cor. point falling in inaccessible cliffs 3 mns
	South on mile obs 265
22.72	<p>The line falling in inaccessible cliffs I trans- late to a flag I have placed on top of the cliffs then measure a base S. 40° E. 10.00 chains to a point from which flag on line bear S. 11° 47' W.; therefore the distance is 38.48 obs and deducting 15.76 obs for distance from W.C. to true cor. point gives the triangulation point. Running chaining I reach</p>
37.62	<p>where it becomes impracticable to chain further and I triangulate to what I suppose is the high stump of a tree on line on top of a high sharp ridge; then measure a base East 12.00 obs to a point from which the stump on line bears S. 14° 16' W. - Therefore the distance is 47.20</p>

Retracement of Utah-Col. Bdy. line East of T. 1 N. R. 25 E.

- obs. chains. Total dist from true cor. point of miles
84.88 to triangulation stump which I find to
be an old broken log 10 ins. diam. 9 ft. long
set upright in a mound of stone which
has evidently been used as a triangula-
tion mark on the original survey of the
line.
- 85.0 A mound of stone $2\frac{1}{2}$ ft base 2 ft
high certainly raised by hand and no
doubt intended to be the W. corner to
Mile cor. do 264 but I fail to any marked
stone in or near the mound
- 103.8 The true cor. point to mile cor. do 264
as given in the field notes of the Utah-
Col. Bdy. line survey on record.

August 25th 1898

From the W. C. to mile cor. do 264 - 1881

obs. N. of true cor. point 2 mds

North on Mile do 264

49.83 To a point 98.64 obs S. of the witness cor.
to mile cor. do 264 and 85 lms East of
Mile cor. do 263 which is a sandstone
16x10x3 firmly set marked and wit-
nessed as described by the Surveyor General
The true course between Mile cor do 263
and the W. C. to mile cor. do 264 a distance
of 98.64 obs. is therefore N. $0^{\circ}29' E.$

From Mile cor. do 263 2 mds

South on mile do 263

79.31 To a point 1.91 obs East of mile cor. do 264
which is a red sandstone 30x16x3 ins firmly

Retracement Utah Col. Bdy line East of T. 1 N. R. 25 E.

Obs. marked and witnessed as described by the Surveyor General.
The true course of mile cor. obs 263 is therefore N. 10° 23' E. & distance 79.33 ch.

From mile cor. obs 262
I went South on mile obs 262.

60.44 The survey cor to sec 2 & 35 in the Salt Lake Base line heretofore described
60.49 Mile cor. obs 261 heretofore described

This connection proves the correctness of my connection of the North Bdy of T. 1 N. R. 25 E with the Utah Col. Bdy line. I now proceed to subdivide said T. 1 N. R. 25 E. and postpone further re-tracement.

August 26th 1898.

Retracement of the Utah Colorado Boundary
East of T. 2 N. R. 25 E.

Survey commenced September 28th 1898. 2 & 3 Alt. Miles Cor. Obs. 27.3 on the Utah Colorado Bdy heretofore described in Lat. 40° 56' N. long. 109° 04' W. I obtain Polaris in accordance with the instructions of the Manual at 8 h. 18 m. S. 94. L. 91 T. and mark the direction thus determined by a tack driven into a plug set 5 chs. N. of cor.

Altitude L. m. t. of obs. Sept. 28th 8 h. 18 m.
U. C. Polaris Sept. 15th 13 h. 40.5 m.
Red. to Sept. 28th 13 days 51'

Petracutum Utah Co. Ruby line East of T. 2 N. R. 25 E.

Chs.

Total sun time H. C. Polaris	12 h. 49 ⁵ ^m
Hour angle of Polaris	19 h. 28.5 ^m
subtract from	23 ^h 56. ^m
Time argument	4 h. 27.6 ^m
Azimuth of Polaris	10° 31' E.

September 29th 1898. At 4 h. a.m l.m.t.
I lay off the azimuth of Polaris to the west
and mark the true Meridian thus determined
by a tack driven into a plug firmly set in the
ground West of the point marked last night.
The magnetic bearing of said true Meridian
is N. 16° 03' W. which reduced by the table
on page 100 of the Manual gives the mean
magnetic declination 16° East.

Thence from mile cor. No 273

I run

South on mile No 273

2.80 The Closing Cor to sec 2 & 35 T. 2 N. R.
25 E. ^{about 4 miles} W.

49.48 Point 105 lbs. East of mile cor. No 272 here-
tofore described.

The true course of this line is therefore N. 0° 45' E.

From mile cor. No 272

South on mile No 272

37.60 I edge of broken plateau further chasing
I burns impracticable on account of cliffs
I therefore place a flag on him on the N.W.
bank of Beaver Creek and measure West
a base of 10.00 chs. to a point from which flag
on him bears S. 80 E. The nat. cotang. of 8°

Retracement of the Utah-CO. Boundary East of T. 2 d. R. 25 E.

ds. = $7.115 \times 10.00 = 71.15$ chs distance to flag
108.75 The flag on line which is 28.75 chs S. of the
true cor. point of mile cor. No 271 not set

Thence

South on Mile No 271

28.75 triangulation point resume chaining.
80.00 True cor. point of mile No 270 - not set

Thence

South on Mile No 270

83.72 To a point 1.80 chs W. of mile cor. No 269 which is a sandstone 20 x 14 x 4 in. marked and witnessed as described by the Surveyor General. The markings on the rock are somewhat indistinct as if they were scratched with a tallypin and the rock is lying down between rows of pits and earthworks but there can be no doubt of its identity. Therefrom from mile cor. No 272 to mile cor. No 269 a distance of 243.72 chs the course is N. $0^{\circ} 25' W.$ and the lengths of Miles Nos. 270. 271 & 272 is 81.24 chs. each

Thence

South on Mile No 269

80.00 The cor. point to mile cor. No 268 I search diligently for the cor. but fail to find it

Retracement of the Utah Col. Bdy. East of T. 2nd N. R. 25 E.

Obs.

Then

North on Mile cor. 268

80.00

Point from which Mile cor. No 267 heretofore described and closing cor. to sec. 2 & 35 T. 1st N. R. 25 E. heretofore described - bears East 19 $^{\circ}$ W. distant. The true course of Miles No 268 & 269 is therefore at $0^{\circ}04' E.$ and the length of each is 80.00 obs.

September 29th 1898

Retracement of the Utah - Colorado Boundary

East of T. 3 N. R. 25 E.

Survey commenced October 19th 1898

I begin at mile cor. No 273 of the Utah - Colorado Bdy. line heretofore described and sight over the true Meridian established by me in the retracement of the Utah - Colorado Bdy. line East of T. 2 N. R. 25 E. and find that it still gives a mean magnetic declination of 16 $^{\circ}$ East.
Then I ran

North on Mile cor. 274

80.00

Make diligent search for mile cor. No 274 but fail to find it.

North on Mile cor. 275

80.00

Make diligent search for mile cor. No 275 but fail to find it.

Retracement of the Utah-C. & P. Ry. East of T. 3 N. R. 25 E.

chs.

North on mile No. 276

80.4 To a point 2.24 chs. East of mile cor.
of 276 which is a sandstone $18 \frac{1}{2} \times 4$ ins.
marked and witnessed as described by the
Surveyor General.

Dividing these differences between the three
miles retraced, will make the length of
of the 274th, 275th and 276th miles 80.15 chs.
and the true course of each N. $0^{\circ} 32' W.$

North on mile No 277.

6.000 to a point 70 ft. East of the closing cor.
of the Utah-Colorado Bdy with the S. Bdy
of Wyoming which is a red sandstone 30×20
 $\times 6$ ins. marked and witnessed as described
by the Surveyor General.

The true course of this line is therefore
N. $0^{\circ} 40' W.$

October 19th 1898

Adolphus Jason
U. S. Dep. Surveyor

Retracement of the Utah-Wyoming Bdy. N. of T. 3 N. R. 24 E.

obs.

Survey commenced October 11th 1898 and executed with the instrument described in Book "A".

Note: The W. Bdy of T. 3 N. R. 24 E. intersects Utah-Wyoming Bdy at 3 miles 64.⁰⁰ chs. ^{new} 34.² chs. N. of Mile cor. No 273. — The East Bdy intersects at 3 miles 61.45 chs. and 30.⁵ chs. N. of Mile cor. No 267. The re-tracement is made in order to locate these discrepancies.

At the mile cor. chs 267 on the Utah-Wyoming Bdy. line herefore described in 41° N. decl $109^{\circ} 09' W.$ I observe Polaris in accordance with the instructions of the Manual and mark the line thus determined by a tack driven into a post firmly set 5 chs. N. of cor.

Astronomical loc. of obs. Oct. 18th 98. — 7 h. 28
H. C. Polaris October 1st 98 12 h. 37.7^m
Reduced to Oct. 11th 10 days 39.³
H. C. Polaris October 11th 1898 11.¹ 58.⁴
Hemisphere of Polaris = 19 h. 29.⁶
subtract from 23.⁴ 56.¹
True argument 4 h. 26.⁵^m
Azimuth of Polaris $1^{\circ} 31' E$

October 11th 1898

October 12th 1898 — At 7 a.m. b. on t. I lay off the azimuth of Polaris to the west and the true meridian thus determined by a dris into a post firmly set in the ground West of the point established last night. The true bearing of the said true meridian is $N. 16^{\circ} 03' W.$ which reduced by the table on page 100 of the manual gives the mean zodiacal declination 16° East

Instrument of the Utah-Wyoming Boundary of T. 3 N. R. 24 E.

cts

Third Mile

West on mile cor. 268

- 79.4 To a point 40 lbs. N. of mile cor. No. 268
herefore described.
The true course of this mile is therefore
 $S. 89^{\circ} 43' W.$

West on mile cor. 269

- 78.4 To a point 31 lbs. N. of mile cor. No. 269
is a cedar post 6 ins. square 7 ft. long
marked and witnessed as described by the
Surveyor General
The true course of this mile is therefore
 $S. 89^{\circ} 47' W.$

West on mile cor. 270

- 79.4 To a point 136 lbs. S. of mile cor. No. 270
which is a cedar post 6 ins. square 7 ft. long
marked and witnessed as described by the
Surveyor General
The true course of this mile is therefore
 $N. 89^{\circ} 02' W.$ & distance 79.50 ch.

West on mile cor. 271

- 79.57 To a point 248 chs. S. of mile cor. No. 271
which is a cedar post 6 ins. square 7 ft. long
marked and witnessed as described by the
Surveyor General

Platment of the Utah-Wyoming Bdy N. of T. 3 N. R. 24 E.

10.

The true course of this mile is therefore
 $N. 88^{\circ} 13' W.$ & length 7960

West on mile No 272

- 79.45 To a point 56 lbs. S. of mile cor. No 272
which is a cedar post 6 in. square 7 ft. long
marked and witnessed as described by the
Surveyor General
The true course of this mile is therefore
 $N. 89^{\circ} 36' W.$

West on mile No 273

- 78.75 To a point 57 lbs. N. of mile cor No 273
herebefore described
The true course of this line is therefore
 $S. 89^{\circ} 36' W.$

West on mile No. 274

- 79.10 To a point 52 lbs. N. of mile cor. No 274
herebefore described
The true course of this line is therefore
 $S. 89^{\circ} 38' W.$

October 12th 1898

Retracement of the Utah-Wyoming Bdy W. of T. 3 N R. 25 E.

obs.

Survey commenced October 20th 1898

Beginning at mile cor. No 267 on the Utah-Wyoming Bdy, I sight over the true Meridian established by me at that point in my survey of the Utah-Wyoming Bdy S. of T. 3 N. R. 24 E. which still gives a mean magnetic declination of $16^{\circ}E$.

Then I run

East on mile No. 267

79.75 to a point 105 ft. S. of mile cor. No. 266 which is a pine post 6 ins. square 7 ft. high marked and witnessed as described by the Surveyor General

The true course of this mile is therefore $2.89^{\circ}15'W$.

East on mile No. 266

75.00 Mile cor. No 265 which is a pine post 6 ins. square 7 ft. long marked and witnessed as described by the Surveyor General on line.

East on mile No. 265

79.25 Mile cor. No 264 which is a pine post 6 ins. square 7 ft. long marked and witnessed as described by the Surveyor General on line

of the Utah-Wyoming Bdy. line N. of T. 3 N. R. 25 E.

ch.s.

East on mile cor. 264

- 80.30 to a point 30 lms. S. of mile cor. cor. 263
which is a pine post bals. square 7 ft. long
marked and situated as described by the
Surveyor General
The true course of this mile is therefore
 $91.89^{\circ} 47' W.$

East on mile cor. 263

- 51.7 to a point 45 lms. S. of the closing cor.
of the Utah-Colorado Bdy. line with the
Bdy. of Wyoming hentefor described
The true course of this line is therefore
 $91.89^{\circ} 30' W.$

October 20th 1898

Adolphus Fenn
U. S. Dep. Survey

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphus Jessen,

~~acting~~, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of ~~Utah - Colo.~~ ^{Utah - Col.} ~~Colo.~~ ^{Colo.} ~~Wyoming~~ ^{Wyoming} ~~Body~~ ^{Body} through T. 1 S. R. 25 E. and the ~~Utah - Wyoming~~ ^{Utah - Wyoming} Body through T. 3 S. R. 24 & 25 E., showing the respective capacities in which they acted:

John Flechner, Chainman.
Charles Potter, Chainman.
Hugh Vaughan, Moundman.
Hugh Vaughan, Moundman.
L. T. Morgan, Axman.
Frank J. Briggs, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

Adolphus Jessen, United States Deputy Surveyor, in surveying all those parts or portions of the ~~Utah - Colorado Body through Tps. 1 S. R. 1-2 & 3 S. R. 25 E. and the Utah - Wyoming Body through T. 3 S. R. 24 & 25 East~~ ^{Utah - Colorado Body through Tps. 1 S. R. 1-2 & 3 S. R. 25 E. and the Utah - Wyoming Body through T. 3 S. R. 24 & 25 East}

of the Salt Lake meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

John Flechner, Chainman.
Charles Potter, Chainman.
Hugh Vaughan, Moundman.
Hugh Vaughan, Axman.
L. T. Morgan, Axman.
Frank J. Briggs, Flagman.

Subscribed and sworn to before me this 20th }
 day of October, 1898 }

9 SEAL
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Adolphus Jessen
U. S. Dep. Surveyor

BOOK A

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphus Jessen, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Jacob M. Blair, United States Surveyor General for Utah, bearing date of the 9th day of November, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The Utah - Colorado Poly. through Tps. 1, 2, 3 N. of R. 25 E. and The Utah - Wyoming Poly. through T. 3 N. Rps. 24 & 25, East, of the Salt Lake meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphus Jessen
United States Deputy Surveyor.

Subscribed by said Adolphus Jessen, and sworn to before me }
this 12th day of December, 1897 }


Jacob M. Blair
United States Surveyor General

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Calgary, Alberta, Canada, 1897
The foregoing field notes of the survey of The Utah - Colorado Poly. through Tp. 1 N. Rps. 1, 2, 3 N. of R. 25 E. and The Utah - Wyoming Boundary through Tp. 3 N. Rps. 24 & 25 E.

executed by Adolphus Jessen,
under his contract No. 218, dated November 9th, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Jacob M. Blair
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.